



Advanced JAVA Programming

This Advanced JAVA Programming webinar was organized on the year of 2018-19. By Centurion University of Technology and Management.

Advanced JAVA Programming

```
string  
if(parameters.contains("name")  
hql += " and p.name = :name";  
}  
8 if(parameters.contains("age")){  
09 hql += " and p.age = :age";  
10 }  
11 TypedQuery<Person> query = em.createQuery(hql, Person.class);  
12 if(parameters.contains("name")){  
13 query.setParameter("name", values[0].toString());  
14 }  
15 if(parameters.contains("age")){  
16 query.setParameter("age", Integer.valueOf(values[1].toString()));  
}
```

11th September 2018

Centurion University of Technology and Management



Pre-requisites: Nil
Course Type : Audit (Workshop)
Duration : 30 Hours

Course Objectives:

- Develop knowledge based force to serve the IT industry with the latest technologies.
- To learn and explore Spring Framework, Android, AngularJS, GIT.

Learning Outcomes:

- To analyze, design, and develop SRS
- To design and develop Android Applications.

Module	Contents	Duration
Module-1	<ul style="list-style-type: none">• Understanding Web Architecture• Installation and configure java environment .• Understanding MVC Architecture	10 hours
Module-2	<ul style="list-style-type: none">• Create GIT repository for version control and team work• Create a web project and define a landing page.• Create controller using servlet in web project	10 hours
Module-3	<ul style="list-style-type: none">• Retrieve value from page in controller through the request parameter.• Establish Connection with database• Perform CRUD operation	10 hours
TOTAL		30 hours

Anita Patra



Dr. Anita Patra, Registrar, CUTM

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Convener

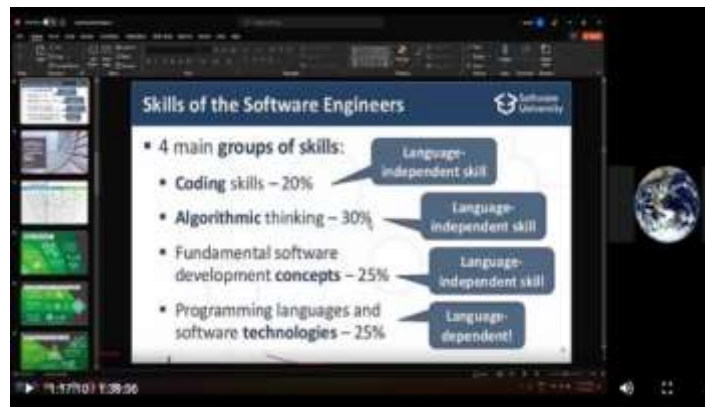


A REPORT ON
NAME OF THE PROGRAMME:
ADVANCED JAVA PROGRAMMING
TOTAL NUMBER OF PARTICIPANTS: 70
ACADEMIC YEAR: 2018-19
DATE: 11.09.2018

The programme was offered to the participants to make them learn various problem solving using object-oriented concepts and implement object-oriented programming using Java. Further, the participants were asked to analyze several alternative solutions to determine the best approach.

At the end of the programme the participants were able to use object-oriented concept to solve problems and write an error free program of minimum 200 lines of code.

The programme was based on practical sessions where the participants were expected resolve issues. The followings are a few examples from the programme



Presentation on Software engineering on 11.09.2018

Skills in Software:

- To find the sum of any number of integers entered as command line arguments
- To find the factorial of a given number
- To learn use of single dimensional array by defining the array dynamically.
- To learn use of length in case of a two-dimensional array
- To convert a decimal to binary number
- To check if a number is prime or not, by taking the number as input from the keyboard

To find the sum of any number of integers interactively, i.e., entering every number from the keyboard

Write a java program for reverse a String

Write a java program for creating class and Object

Write a java program for method Overloading

EXAMPLE OF A JAVA OUTPUT:

```
System.out.println ("Hello World!");
```

```
System.out.println("I am learning Java.");
```

Anita Patra



Dr. Anita Patra, Registrar, CUTM

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List of participants

Name of Event: Advanced JAVA Programming

Organized by: Centurion University of Technology and Management

Date: 11 September 2018

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List of participants: -

S. No.	Name	Reg. No.	Presence
1	SIBASIS DEVATA	170301120002	Present
2	SANGRAM KESHARI SAHOO	170301120006	Present
3	SWARAJ KUMAR BEHERA	170301120009	Present
4	ABDUL RAHEMAN	170301120010	Present
5	ASHUTOSH DAS	170301120015	Present
6	ASHISH KUMAR DASH	170301120016	Present
7	DEBASISH SUNDARAY	170301120019	Present
8	DIPAK PATTANAİK	170301120021	Present
9	BHAGYASHREE MAHARANA	170301120023	Present
10	SURAJ KUMAR GUPTA	170301120024	Present
11	SATABDI JAYABRATA SAMAL	170301120027	Absent
12	DILLIP KUMAR BEHERA	170301120029	Present
13	CHINMAYA MISHRA	170301120031	Present
14	SOUMYA PRAKASH ACHARYA	170301120032	Present
15	RUDRAPRASAD MOHANTY	170301120035	Present
16	MANI PRASAD MISHRA	170301120036	Present
17	PRATYASHA SATAPATHY	170301120039	Present
18	SK INZAMAMUL HAQUE	170301120040	Present
19	SRITAM KUMAR NAYAK	170301120042	Present
20	ARUNJYOTI RAUT	170301120043	Present
21	SAINA PARWEEN	170301120046	Present
22	JYOTI PRAKASH ROUT	170301120048	Present
23	SUBASISH BEHERA	170301120049	Present
24	ASHUTOSH TRIPATHY	170301120050	Present
25	BISWAJIT PRADHAN	170301120051	Absent
26	ARYAMAN NAYAK	170301120052	Present
27	MAHAPRASAD JATA	170301120053	Present
28	T SONALI PATRO	170301120054	Present
29	ANANYA ANUMITA	170301120055	Present
30	TAMAL DATTA	170301120056	Present
31	SUVAM KUMAR NAYAK	170301120057	Present

32	BHARGABA UPADHYAY	170301120058	Present
33	RAKESH GAHIR	170301120060	Present
34	ABHIGYAN ABHISEKHAM	170301120061	Present
35	MINTU KUMAR SAH	170301120062	Present
36	SUVAM MISHRA	170301120064	Present
37	SMRUTI SHRIYA MISHRA	170301120065	Present
38	SUBHAM BHUYAN	170301120066	Present
39	SANKET DE	170301120068	Present
40	SHRUTI DASH	170301120069	Present
41	HRITESH SOUMENDRA KUMAR MALLIK	170301120070	Present
42	CHINNAPA ABHISEKH	170301120071	Present
43	GOUTAM SAHU	170301120072	Present
44	SUBHAJIT MISHRA	170301120073	Present
45	SACHIDANANDA DIKHIT	170301120074	Present
46	DINESH DIPTI RANJAN BHUKTA	170301120075	Present
47	PRANGYAN PARAMITA DAS	170301120076	Absent
48	SIBASISH MOHANTY	170301120078	Present
49	MANISHA BEHERA	170301120079	Present
50	TAPAS KUMAR BARIK	170301120080	Present
51	PRATEEK KUMAR KHATUA	170301120081	Present
52	KRUSHNA CHANDRA MAHAPATRA	170301120082	Present
53	ABHISHEK ROUT	170301120083	Present
54	SWOHINI ROUT	170301120084	Present
55	DEBABRATA PRADHAN	170301120085	Present
56	AKHAYA CHANDAN MISHRA	170301120086	Present
57	RANI KUMARI	170301120088	Present
58	NILESH MAHATO	170301120090	Present
59	BISWAMOHAN SAHU	170301120093	Present
60	AJIT KUMAR JENA	170301120095	Absent
61	ASHUTOSH KUMAR	170301120096	Present
62	SRIDEV BISWAL	170301120097	Present
63	PREETI CHHANDA ROUT	170301120098	Present
64	PINAKI MOHANTY	170301120100	Present
65	SHANTIDARSHAN RAY	170301120101	Present
66	RICHI SAMANTARAY	170301120103	Absent
67	IPSITA PRIYADARSHINI	170301120104	Present
68	ANIKET SENAPATI	170301120105	Present
69	CHIRASHRI CHINMAYEE ROUT	170301120106	Present
70	ASHISH KUMAR BRAHMA	170301120107	Present

Anita Patra



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