



Institute of Software Engineering

Graduate Diploma in Software Engineering

Programming fundamentals – Assignment 01

Q1

```
class Example{
    public static void main(String args[]){
        System.out.println("Hello java");
    }
}
```

Q2

```
class Example{
    public static void main(String args[]){
        System.out.println("Hello java");
        System.out.println("Hello java");
        System.out.println("Hello java");
        System.out.println("Hello java");
    }
}
```

Q3

```
class Example{
    public static void main(String args[]){
        System.out.println("A");
        System.out.println("B");
        System.out.println("C");
        System.out.println("D");
    }
}
```

Q4

```
class Example{
    public static void main(String args[]){
        System.out.println("1");
        System.out.println(1000);
        System.out.println(1.23);
    }
}
```

Q5

```
class Example{
    public static void main(String args[]){
        System.out.println("Hello Java");
        System.out.println("A");
        System.out.println(1234);
        System.out.println(-1234);
        System.out.println(1.2334);
        System.out.println(0.0032);
        System.out.println(-0.0023);
        System.out.println('A');
        System.out.println('6');
        System.out.println(true);
        System.out.println(false);
    }
}
```

Q7

```
class Example{
    public static void main(String args[]){
        System.out.print("A");
        System.out.print("B");
        System.out.print("C");
        System.out.print("D");
    }
}
```

Q8

```
class Example{
    public static void main(String args[]){
        System.out.print("A");
        System.out.print("B");
        System.out.println("C");
        System.out.print("D");
        System.out.println("E");
    }
}
```

Q9

```
class Example{
    public static void main(String args[]){
        System.out.print("A");
        System.out.println("B");
        System.out.println("C");
        System.out.print("D");
    }
}
```

Q10

```
class Example{
    public static void main(String args[]){
        System.out.println("A");
        System.out.println("B");
        System.out.println();
        System.out.println("C");
        System.out.println("D");
    }
}
```

Q11

```
class Example{
    public static void main(String args[]){
        System.out.println("A");
        System.out.println("B");
        System.out.print();
        System.out.println("C");
        System.out.println("D");
    }
}
```

Q12

```
class Example{
    public static void main(String args[]){
        int x;
        x=100;
        System.out.println(x);
    }
}
```

Q13

```
class Example{
    public static void main(String args[]){
        int x;
        x=100;
        System.out.println("x");
    }
}
```

Q14

```
class Example{
    public static void main(String args[]){
        int x;
        System.out.println(x);
    }
}
```

Q15

```
class Example{
    public static void main(String args[]){
        int x;
        System.out.println(x);
        x=100;
    }
}
```

Q16

```
class Example{
    public static void main(String args[]){
        int x;
        x=100;
        x=200;
        System.out.println(x);
    }
}
```

Q17

```
class Example{
    public static void main(String args[]){
        int x;
        x=100;
        System.out.println(x);
        x=200;
        System.out.println(x);
    }
}
```

Q18

```

class Example{
    public static void main(String args[]){
        int x;
        x=100;
        System.out.println(x);
        int y;
        y=200;
        System.out.println(y);
    }
}

```

Q19

```

class Example{
    public static void main(String args[]){
        int x;
        x=100;
        System.out.println(x);
        y=200;
        System.out.println(y);
    }
}

```

Q20

```

class Example{
    public static void main(String args[]){
        int x,y,z,total;
        x=100;
        System.out.println(x);
        y=200;
        System.out.println(y);
    }
}

```

Q21

```

class Example{
    public static void main(String args[]){
        int x=100;
        int y=200;
        System.out.println(x);
        System.out.println(y);
    }
}

```

Q22

```

class Example{
    public static void main(String args[]){
        int x=100,y,z=200;
        System.out.println(x);
        y=300;
        System.out.println(y);
        System.out.println(z);
    }
}

```

Q23

```

class Example{
    public static void main(String args[]){
        int x=100,y,z=200;
        System.out.println(x);
        System.out.println(z);
        int z;
        z=400;
        System.out.println(z);
    }
}

```

Q24

```

class Example{
    public static void main(String args[]){
        int x=100;
        int y=200;
        System.out.println(x);
        System.out.println(y);
        x=y;
        System.out.println(x);
        System.out.println(y);
    }
}

```

Q25

```

class Example{
    public static void main(String args[]){
        System.out.println('A');
        System.out.println("A");
    }
}

```

Q26

```
class Example{
    public static void main(String args[]){
        System.out.println('A');
        System.out.println("A");
        System.out.println("AB");
        System.out.println('AB');
    }
}
```

Q27

```
class Example{
    public static void main(String args[]){
        System.out.println('A'); //Character A
        System.out.println('7'); //Characer 7
        System.out.println(7); //Integer 7
    }
}
```

Q28

```
class Example{
    public static void main(String args[]){
        System.out.println("AB\bCD");
    }
}
```

Q29

```
class Example{
    public static void main(String args[]){
        System.out.println("AB\tCD");
    }
}
```

Q30

```
class Example{
    public static void main(String args[]){
        System.out.println("AB\nCD");
    }
}
```

Q31

```
class Example{
    public static void main(String args[]){
        System.out.println("AB"CD");
    }
}
```

Q32

```
class Example{
    public static void main(String args[]){
        System.out.println("AB\\CD");
        System.out.println("AB'CD");
        System.out.println("AB\"CD");
    }
}
```

Q33

```
class Example{
    public static void main(String args[]){
        System.out.println("AB\nCD");
        System.out.println("AB\tCD");
        System.out.println("AB\fCD");
        System.out.println("AB\bCD");
        System.out.println("AB\rCD");
        System.out.println("AB\\CD");
        System.out.println("AB'CD");
        System.out.println("AB\"CD");
        System.out.println("AB\wCD");
    }
}
```

Q34

```
class Example{
    public static void main(String args[]){
        System.out.print("A\nB");
        System.out.println("CD");
        System.out.print("\nEF\n");
        System.out.print("G\nH");
    }
}
```

Q35

```
class Example{
    public static void main(String args[]){
        System.out.println(10+20);
        System.out.println("10"+"20");
        System.out.println("10"+20);
        System.out.println(10+"20");
    }
}
```

Q36

```
class Example{
    public static void main(String args[]){
        System.out.println(4032016);
        System.out.println("04-03-2016");
    }
}
```

Q37

```
class Example{
    public static void main(String args[]){
        int x,y,z;
        x=10;
        y=20;
        z=x+y;
        System.out.println(x+" "+y+"="+z);
    }
}
```

Q38

```
class Example{
    public static void main(String args[]){
        int x=10,y=20;
        System.out.println(x+y);
        System.out.println("x"+"y");
        System.out.println("x+y");
        System.out.println("x"+y);
        System.out.println(x+"y");
    }
}
```

Q39

```
class Example{
    public static void main(String args[]){
        System.out.println(10+20+30);
        System.out.println("10+20+30");
        System.out.println("10+20"+30);
        System.out.println("10"+"20"+"30");
        System.out.println("10"+20+30);
        System.out.println(10+20+"30");
        System.out.println(10+"20"+30);
    }
}
```

Q40

```
class Example{
    public static void main(String args[]){
        int x=10,y=20,z=30;
        System.out.println(x+y+z);
        System.out.println("x"+"y"+"z");
        System.out.println("x+y"+z);
        System.out.println("x"+y+z);
        System.out.println(x+y+"z");
        System.out.println(x+"y"+z);
    }
}
```

Q41

```
class Example{
    public static void main(String args[]){
        int x=10,y=20;
        System.out.println(x+" "+y);
    }
}
```

Q42

```
class Example{
    public static void main(String args[]){
        int x=10;
        System.out.println("Value of x is : "+x);
    }
}
```

Q43

```
class Example{
    public static void main(String args[]){
        int x,y;
        x=10;
        y=20;
        System.out.println(x+" "+y+"="+x+y);
        System.out.println(x+" "+y+"="+x+y);
    }
}
```

Q44

```
class Example{
    public static void main(String args[]){
        int x,y;
        x=10;
        y=20;
        System.out.println("x : ",x);
        System.out.println("x : "x);
        System.out.println(x+ +y);
    }
}
```

Q45

```
class Example{
    public static void main(String args[]){
        int x,y,z;
        x=input.nextInt();
        y=input.nextInt();
        z=x+y;
        System.out.println(x+"+"+y+"="+z);
    }
}
```

Q46

```
class Example{
    public static void main(String args[]){
        int x;
        System.out.println(x);
        x=100;
        System.out.println(x);
    }
}
```

Q47

```
import java.util.*;
class Example{
    public static void main(String args[]){
        Scanner input=new Scanner(System.in);
        int a=input.nextInt();
        int x;
        if(a>100){
            x=100;
        }
        System.out.println(x);
    }
}
```

Q48

```
class Example{
    public static void main(String args[]){
        for(int i=0; i<10; i++){
            System.out.println(i);
        }
    }
}
```

Q49

```
class Example{
    public static void main(String args[]){
        for(int i=0; i<10; i++){
            System.out.println(i);
            System.out.println(i);
        }
    }
}
```

Q50

```
import java.util.*;
class Example{
    public static void main(String args[]){
        Scanner input=new Scanner(System.in);
        System.out.print("Input an integer : ");
        int num=input.nextInt();
        int fact=1;
        for (int i = num; i>0; i--){
            System.out.print(i+" * ");
            fact*=i;
        }
        System.out.println("\b\b = "+fact);
    }
}
```