



Java Assignment Week – 1

Palaniyappan. S

23BCE1791

```
Open ▾  Main.java  
~/Desktop  
1 public class Main{  
2     public static void main(String args[]){  
3         System.out.println("STARTED");  
4         String name = "PALANIYAPPAN";  
5         System.out.println(name);  
6         int n = 18;  
7         n = 17;  
8         System.out.println(n);  
9         System.out.println("INT to DOUBLE ");  
10        double d = n;  
11        System.out.println(d);  
12        System.out.println("COMPLETED !!!");  
13    }  
14 }  
15
```

```
student123@admin: ~/Desktop  
  
File Edit View Search Terminal Help  
student123@admin:~/Desktop$ javac Main.java  
student123@admin:~/Desktop$ java Main  
STARTED  
PALANIYAPPAN  
17  
INT to DOUBLE  
17.0  
COMPLETED !!!  
student123@admin:~/Desktop$
```

```
Open ▾  Main.java  
~/Desktop  
1 public class Main{  
2     public static void main(String args[]){  
3         System.out.println("STARTED");  
4         String name = "PALANIYAPPAN";  
5         System.out.println(name);  
6         double d = 18.17;  
7         System.out.println(d);  
8         System.out.println("DOUBLE TO INT ");  
9         int n = (int)d;  
10        System.out.println(n);  
11        System.out.println("COMPLETED !!!");  
12    }  
13 }  
14
```

```
student123@admin: ~/Desktop
File Edit View Search Terminal Help
student123@admin:~/Desktop$ javac Main.java
student123@admin:~/Desktop$ java Main
STARTED
PALANIYAPPAN
18.17
DOUBLE TO INT
18
COMPLETED !!!
student123@admin:~/Desktop$
```

```
Open ▾ + Main.java
~/Desktop
1 public class Main{
2     public static void main(String args[]){
3         System.out.println("STARTED");
4         String name = "PALANIYAPPAN";
5         System.out.println(name);
6         int sum1 = 50 + 100;
7         int sum2 = sum1 + 50;
8         int sum3 = sum2 +100;
9
10        String s1 = "Palaniyappan" ;
11        String s2 = s1 + " .S ";
12        String s3 = s2 + " 18";
13
14        System.out.println(sum1);
15        System.out.println(sum2);
16        System.out.println(sum3);
17        System.out.println(s1);
18        System.out.println(s2);
19        System.out.println(s3);
20
21        System.out.println("COMPLETED !!!");
22    }
23 }
24
```

```
student123@admin: ~/Desktop
File Edit View Search Terminal Help
student123@admin:~/Desktop$ javac Main.java
student123@admin:~/Desktop$ java Main
STARTED
PALANIYAPPAN
150
200
300
Palaniyappan
Palaniyappan .S
Palaniyappan .S 18
COMPLETED !!!
student123@admin:~/Desktop$
```

```
Open ▾ + Main.java ~/Desktop
1 public class Main{
2     public static void main(String args[]){
3         System.out.println("STARTED");
4         String name = "PALANIYAPPAN";
5         System.out.println(name);
6         int x,y;
7         x = 20;
8         y=(x==1)?61:90;
9         System.out.println("Value of y is : "+y );
10        y=(x==20)?61:90;
11        System.out.println("Value of y is : "+y);
12
13        System.out.println("COMPLETED !!!");
14    }
15 }
16
```

```
student123@admin: ~/Desktop
File Edit View Search Terminal Help
student123@admin:~/Desktop$ javac Main.java
student123@admin:~/Desktop$ java Main
STARTED
PALANIYAPPAN
Value of y is : 90
Value of y is : 61
COMPLETED !!!
student123@admin:~/Desktop$
```

```
Open ▾ + Main.java ~/Desktop
1 public class Main{
2     public static void main(String args[]){
3         System.out.println("STARTED");
4         String name = "PALANIYAPPAN";
5         System.out.println(name);
6         String str = "Palaniyappan";
7         System.out.println("The length of the string is : "+str.length());
8
9         System.out.println("COMPLETED !!!");
10    }
11 }
12
```

```
student123@admin: ~/Desktop
File Edit View Search Terminal Help
student123@admin:~/Desktop$ javac Main.java
student123@admin:~/Desktop$ java Main
STARTED
PALANIYAPPAN
The length of the string is : 12
COMPLETED !!!
student123@admin:~/Desktop$
```

```
Open ▾ + Main.java  
~/Desktop  
1 public class Main{  
2     public static void main(String args[]){  
3         System.out.println("STARTED");  
4         String name = "PALANIYAPPAN";  
5         System.out.println(name);  
6  
7         String s1 = "Hello World";  
8         System.out.println(s1);  
9         System.out.println(s1.toUpperCase());  
10        System.out.println(s1.toLowerCase());  
11  
12        System.out.println("COMPLETED !!!");  
13    }  
14 }  
15
```

```
student123@admin: ~/Desktop  
File Edit View Search Terminal Help  
student123@admin:~/Desktop$ javac Main.java  
student123@admin:~/Desktop$ java Main  
STARTED  
PALANIYAPPAN  
Hello World  
HELLO WORLD  
hello world  
COMPLETED !!!  
student123@admin:~/Desktop$
```

```
Open ▾ + Main.java  
~/Desktop  
1 public class Main{  
2     public static void main(String args[]){  
3         System.out.println("STARTED");  
4         String name = "PALANIYAPPAN";  
5         System.out.println(name);  
6  
7         String s1 = "Hello World";  
8         System.out.println(s1);  
9         System.out.println(s1.toUpperCase());  
10        System.out.println(s1.toLowerCase());  
11  
12        String txt = "Please locate where 'locate' occurs!";  
13        System.out.println(txt.indexOf("locate"));  
14  
15        System.out.println("COMPLETED !!!");  
16    }  
17 }  
18
```

```
student123@admin: ~/Desktop  
File Edit View Search Terminal Help  
student123@admin:~/Desktop$ javac Main.java  
student123@admin:~/Desktop$ java Main  
STARTED  
PALANIYAPPAN  
Hello World  
HELLO WORLD  
hello world  
7  
COMPLETED !!!  
student123@admin:~/Desktop$
```