10. Import java.util.*;
public class Collectionsorting
{
public static void main(String[] args)
{
ArrayList<String> al = new ArrayList
<String> ();
al.add("Greeks for Greeks");
al.add("Friends");
al.add("Dear");
al.add("Is");
al.add("Superb");
Collections.sort(al);
System.out.println("List after the
use of" + "Collection.sort() :\n" +
al);
}
}

Output:
List after the use of collection.sort()
[Dear, Friends, Greeks for Greeks, Is,
Superb].

9.
```
import java.util.Arrays;
import java.util.Collections;

public class GFG {
  public static void main(String[] args)
  {

    String arr[] = {"practice.geeksforgeeks.
      org", "quiz.geeksforgeeks.org",
      "code.geeksforgeeks.org"};

    Arrays.sort(arr);
    System.out.printf("Modified arr[]:
        \n%s\n\n", Arrays.toString(arr));
    Arrays.sort(arr, Collections.reverse
          Order());
    System.out.printf("Modified arr[]:
        \n%s\n\n", Arrays.toString(arr));
  }
}
```

Output:

Modified arr[]:

[code.geeksforgeeks.org

7. class GFG{
public static void main(String args[])
{
byte b = 50;
b = (byte)(b*2);
System.out.println(b);
}
}
Output:
100.

8. public class GFG{
public static void main(String[] args)
int[] arr = {13, 7, 6, 45, 21, 9, 101,
102};
Arrays.sort(arr);
System.out.println("Modified arr
[] : " + Arrays.toString(arr));
}
}
Output:

modified arr[] : [6, 7, 9, 13, 21, 45, 101,
102].

```
        System.out.println("i = " + i + " b = " + b);
        System.out.println("d = " + d + " b = " + b);
    }
}
```

Output:

Compilation error

Invalid Assignment Operator.

6.
```
class GFG {
    public static void main(String args[])
    {
        byte b = 42;
        char c = 'a';
        short s = 1024;
        int i = 50000;
        float f = 5.67f;
        double d = .1234;
        double result = (f * b) + (i / c) - (d * s);
        System.out.println("result = " + result);
    }
}
```

Output:

result = 626.7784146484

4. public class GFG {
public static void main(String[] args)
{
double d = 100.04;
long l = (long)d;
int i = (int)l;
System.out.println("Double" + d);
System.out.println("Long" + l);
System.out.println("int" + i);
}
}

Output
Double value 100.04
Long value 100
Int value 100.

5. class GFG {
public static void main(String args[])
{
byte b;
int i = 257;
double d = 323.142;
System.out.println("Conversion
of int to byte");
i %= 256
b = (byte)i;

2. public class GFG {
    public static void main(String[] arg
    {
        char ch = 'c';
        int num = 88;
        ch = num;
    }
}

Output:
Compilation error.

3. public class GFG {
    public static void man(String[] a
    {
        char ch = 'c';
        int num = 88;
        ch = num;
    }
}

Assignment

1. class GFG {
    public static void main(String[] args)
    {
        int i = 100;
        long l = i;
        float f = l;
        System.out.println("Int value" + i);
        System.out.println("Long value" + l);
        System.out.println("Float value" + f);
    }
}

Output:
Int value 100
Long value 100
Float value 100.0