

Question 2:

```
import java.util.*;
```

```
public class Main
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        int n, a = 0, b = 0;
```

```
        Scanner s = new Scanner(System.in);
```

```
        System.out.println("Program by Manasa\nJava1\nSAP ID:51834754");
```

```
        System.out.print("Enter no. of elements you want in array:");
```

```
        n = s.nextInt();
```

```
        int x[] = new int[n];
```

```
        int odd[] = new int[n];
```

```
        int even[] = new int[n];
```

```
System.out.println("Enter all the elements:");
```

```
for(int y = 0; y < n; y++)
```

```
{
```

```
    x[y] = s.nextInt();
```

```
}
```

```
for(int y = 0; y < n; y++)
```

```
{
```

```
    if(x[y] % 2 != 0)
```

```
{
```

```
    odd[a] = x[y];
```

```
    a++;
```

```
}
```

```
else
```

```
{

    even[b] = x[y];

    b++;

}

}

System.out.print("Odd:");

if(a > 1)

{

    for(int y = 0;y < (a-1); y++)

    {

        System.out.print(odd[y]+",");

    }

}
```

```
System.out.print(odd[a-1]);
```

```
}
```

```
else
```

```
{
```

```
System.out.println("No number");
```

```
}
```

```
System.out.println("");
```

```
System.out.print("Even:");
```

```
if(b > 1)
```

```
{
```

```
for(int y = 0; y < (b-1); y++)
```

```
{
```

```
System.out.print(even[y]+",");
```

```
}
```

```
System.out.print(even[b-1]);
```

```
}
```

```
else
```

```
{
```

```
System.out.println("No number");
```

```
}
```

```
}
```

```
}
```

```
Program by Manasa
Java1
SAP ID:51834754
Enter no. of elements you want in array:6
Enter all the elements:
7
9
1
3
13
7
Odd:7,9,1,3,13,7
Even:No number

Process finished.
|
```

Question 4:

```
public class Main
```

```
{
```

```
    public static void main (String[] args) {
```

```
        System.out.println("Program by Manasa\nJava1\nSAP ID:51834754");
```

```
int A=1;
for (int b=1;b<=5;b++)
{
    for (int c=1;c<=b;c++)
    {
        System.out.print(A);

        A++;
    }
    System.out.println();
}
}
```

```

1 public class Main
2 {
3     public static void main (String[] args) {
4         System.out.println("Program by Manasa\nJava
5         int A=1;
6         for (int b=1;b<=5;b++)
7         {
8             for (int c=1;c<=b;c++)
9             {
10                 System.out.print(A);
11                 A++;
12             }
13             System.out.println();
14         }
15     }
16 }

```

× Terminal

```

Program by Manasa
Java1
SAP ID:51834754
1
23
456
78910
1112131415

Process finished.

```

Question 5:

```
import java.util.Scanner;
```

```
public class Main
```



```
{

    public static void main(String[] args)

    {

        int c;

        String temp;

        Scanner s = new Scanner(System.in);

        System.out.println("Program by Manasa\nJava1\nSAP ID:51835754");
        System.out.print("Enter number of words you want to enter:");

        c = s.nextInt();

        String names[] = new String[c];

        Scanner s1 = new Scanner(System.in);

        System.out.println("Enter all the words line by line:");

        for(int a = 0; a < c; a++)
```

```
{
```

```
    names[a] = s1.nextLine();
```

```
}
```

```
for (int a = 0; a < c; a++)
```

```
{
```

```
    for (int b = a + 1; b < c; b++)
```

```
    {
```

```
        if (names[a].compareTo(names[b])>0)
```

```
        {
```

```
            temp = names[a];
```

```
            names[a] = names[b];
```

```
            names[b] = temp;
```

```
}
```

```
}
```

```
}
```

```
System.out.print("words in Sorted Order line:");
```

```
for (int a = 0; a < c - 1; a++)
```

```
{
```

```
    System.out.print(names[a] + " ");
```

```
}
```

```
System.out.print(names[c - 1]);
```

```
}
```

```
}
```

```
public class Main

    public static void main(String[] args)

    {
        int c;

        String temp;

        Scanner s = new Scanner(System.in);

        System.out.println("Program by Manasa\nJava1\");
        System.out.print("Enter number of words you want to enter:");

        c = s.nextInt();

        String names[] = new String[c];

        Scanner s1 = new Scanner(System.in);

        System.out.println("Enter all the words line by line:");

        for(int i = 0; i < c; i++)
        {
            String word = s1.nextLine();
            names[i] = word;
        }

        Arrays.sort(names);

        System.out.println("Words in Sorted Order line by line:");

        for(int i = 0; i < names.length; i++)
        {
            System.out.println(names[i]);
        }

        System.out.println("Process finished.");
    }
}
```

Terminal

Program by Manasa  
Java1  
AP ID:51835754  
Enter number of words you want to enter:3  
Enter all the words line by line:  
gud  
afternoon  
everyone  
Words in Sorted Order line by line:everyone gud after  
Process finished.

QUIZ MARKS :15