Q1

```
class HelloWorld
{  ② public static void main ( string [ ] args)
  {  system. out. println (" Hello, World!");
  }
}
```

OUTPUT : Hello, World! —

Q2

```
class largest3 {
public static void main ( string args[])
  {  int   a = 108,  b = 11,  c = 9;
    int d;
      if ( a > b && a > c)
              a
      {  d = a; }

      if ( b > a && b > c)
              d   b
          { b = d; }

                    d
    else    { d = c; }

  system. out. print ln (" the largest No btw
  3  no is : !t "  + d);

  } }
```

OUTPUT : The largest no btw 3 is : 108

3

```
import java.util.Scanner;
class printn {
public static void main (String args[])
Scanner input = new Scanner (system.in);
system.out.println ("Enter some number:");
int no = input.nextInt ();
int a[] = new int [no];
for (int i = 0; i < n; i++)
{    a[i] = a input. nextInt ();
}

for ( int i = 0; i < n; i++)
{    systemout. println ("  " + a[i];
}

}}
```

OUTPUT:
Enter any no: 5

1
2
3
4
5

entered no : 1
"   "   2
           3
           4
           5
           0

Q4 Class pattern 1 {

public static void main (String args[])
{   Scanner sc = new Scanner (system. in)

    system . out . print ("enter the row value:")
    int   n = sc . next Int ();
    int   k = 1 ;

    for (int i= 1 ; i <= n ; i++) {

    for (int j = 1 ; j <= i ; j++) {

    system. out. println (k + "\t") ;
        k++;
    30   println (); }

33

output
enter value : 4

```
1
2  3
4  5  6
7  8  9  10
           0
```

Q5

```
import java.util.Scanner

class Gradework {

public static void main (string arg[])
{ System.out.println ('Enter ur cit marks),
Scanner s = new Scanner (system.in);
Int a = input.next Int ();
while (a<0 && a>50).
{ System.out.printf ("than please enter
                        valid entry");
a = s.next Int (); }
System.out.println ("Enter SEE marks")
Int b = input.next Int ();
while ( b<0 && b>100)
{ System.out.print ("please enter
valid entry ");
b = s.next Int (); }
float
avg = ( a + b/2 )
```

```java
if (avg <= 100 && avg >= 90)
{ System.out.println ("Grade : S");}
else if (avg < 90 && avg >= 80)
{ System.out.println ("Grade : A");}
else if (avg < 80 && avg >= 70)
{ System.out.println ("Grade : B");}
else if (avg < 70 && avg >= 60)
{ System.out.println ("Grade : C");}
else if (avg < 60 && avg >= 50)
{ System.out.println ("Grade : D");}
else if (avg < 50 && avg >= 40)
{ System.out.println ("Grade : E");}
else
{ System.out.println ("Grade : F");}
}}
```

OUTPUT :

Enter CIE marks :

50 .

Enter SEE marks :

90 .

Grade : S

```
Q6  import. java.util. Scanner;

    class Primeno {

    public static void main (string[] args) {

    Scanner s = new Scanner (System. in);

    System.out.println ("Enter the first no:"),

    int n = s.nextInt ();

    for (int i=n  System.out.println ("Enter second
    no: ");

    int l = s.nextInt ();

    for (int i= n ; i <= l; i++)
    {  if (i=0 || i==1) {  continue; }

    if (i==2)  {  System.out.println (i);

    continue; }

    else  {  boolean f= true;

    for ( int j= 2; j <= i/2 ,j++) {

    if ( i%j == 0)  {  f= false;
    break; } }  }
```

contd →

```
if (F == true && i != 1) {
    System.out.println(i);   }
}
}
}
}
```

OUTPUT :

enter first no : 10

enter last no : 20

11
13
17
19

0