

25/sep/20

LAB-2 Program

IBMI9CS115

store
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1

```
1) class A {  
    public static void main (String args[])  
    {  
        System.out.println ("Hello world")  
    }  
}
```

```
2) import java.util.*; Scanner;
```

```
public class Biggest - Number;
```

```
{  
    public static void main (String args[]) {  
        int x, y, z;  
        Scanner in = new Scanner (System.in);  
        System.out.println ("Enter first number");  
        x = in.nextInt();  
        System.out.println ("Enter 2nd number");  
        y = in.nextInt();  
        System.out.println ("Enter 3rd number");  
        z = in.nextInt();
```

```
        if ((x > y) && (x > z))
```

```
        {  
            System.out.println ("largest number  
is" + x);
```

```
        }  
        else if (y > z)
```

```
        {  
            System.out.println ("largest is" + y);  
        }  
        else
```

```
        {  
            System.out.println ("largest is" + z);  
        }  
    }  
}
```


3. import java.util Scanner;

public class numbers {

public static void main (String args []) {

Scanner in = new Scanner (System.in);

System.out.println ("Enter value of n");

int n = in.nextInt();

System.out.println ("numbers are:");

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

{

System.out.println (i);

}

}

}

4. import java.util Scanner;

public class Program {

public static void main (String [] args) {

Scanner in = new Scanner (System.in);

int n = in.nextInt();

int i = 1

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

for (int j=0; j<i; j++) {

System.out.println (i + " ");

i++

}

System.out.println ("\n");

}

}

}

5) import java.util.Scanner;

public class grade {

public static void main (String [] args) {

Scanner in = new Scanner(System.in)

System.out.println("Enter ^{percentage} in (IE)");

System.out.println("Enter percentage in (FE)");

double pc = in.nextDouble();

double ps = in.nextDouble();

double avg;

avg = ((pc + ps) / 2);

if (avg >= 90)

{
System.out.println("Grade A");
}

else if (avg < 90 && avg >= 80)

{
System.out.println("Grade B");
}

else if (avg < 80 && avg >= 70)

{
System.out.println("Grade C");
}

else if (avg < 70 && avg >= 60)

{
System.out.println("Grade D");
}

else if (avg < 60 && avg >= 50)

{
System.out.println("Grade E");
}

else {
System.out.println("Failed");
}

6) #include <stdio.h>

int main () {

int a, b, i, flag;

printf ("Enter two numbers");

scanf ("%d %d", &a &b);

printf ("Prime numbers between %d and %d
are: ", a, b);

while (a < b) {

flag = 0;

if (a <= 1) {

++a;

continue;

}

for (i = 2; i <= a / 2; ++i) {

if (a % i == 0) {

flag = 1;

break;

}

}

if (flag == 0)

printf ("%d", a);

++a;

}

return 0;

}