BATCH-2

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OOJ LAB

1> Program to print hello world.

```
class hello_world
{
public static void main(String a[])
{
System.out.print("Hello world");
}
}
```

output
Hello world.

2> Program to check if a number is prime or not

```
Class hello world
{
public static void main (String b[])
{
int a=7, flag=1;
for(int i=2; i<a; i++)
{
if(a%i==0) {
flag=0;
```

```
    break;
  }
  }
  if (flag==1)
  System.out.print("prime");
else
  System.out.print("Not prime");
}
}
```

Output:
Prime.

③ Write a program to find fiboracci series

```
class hello-world
{
  public static void main(String n[])
  {
    int a=0, b=1, c;
System.out.print(a+";");
    int
System.out.print(b+";");
```

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```
for (int i=3; i<=10; i++)
{
 c=a+b;
 a=b;
 b=c;
System.out.print(c+",");
}
}
}
```

output:

0,1,1,2,3,5,8,13,21,34

(9)

```
class Hello_world
{
public static void main(String n[])
{
 int a=4,b=4, c=4;
 if (a==b && b==c)
System.out.print("Equilateral");
else if (a==b || b==c || a==c)
System.out.print("Isosceles");
else
System.out.print("Scalene");
}
}
```

output:
Equilateral.

(5) To calculate simple interest

```
class hello_world
{
 public static void main(String a[])
{
 int p=2000, t=2, r=3;
 float si;
 si=(p*t*r)/100;
System.out.print(si);
}
}
```

output:

120.0

(6) Program to swap 2 numbers

```
class hello-world
{
```

```
public static void main(String a[])
{
  int a=10, b=20, temp;
System.out.print("before" + a +", " + b);
temp=a;
a=b;
b=temp;
System.out.print("after "+a+" "+b);
}
}
```

Output

before 10, 20 after 20, 10