

Main.java - Notepad

File Edit Format View Help

Class Main {

public static void main(String[] args)

```
{  
    System.out.println("Hello World!");  
}
```

Windows PowerShell

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni ooJ Lab> java Main
Hello world!
PS C:\Users\dashr\OneDrive\Desktop\Roshni ooJ Lab>
```

Large.java - Notepad

File Edit Format View Help

Class Large {

```
public static void main(String[] args) {
    int a=5, b=10, c=15;
    if(a>b && a>c){
        System.out.println("Largest of three numbers is:"+a);
    }else if (b>a && b>c){
        System.out.println("Largest of three numbers is:"+b);
    }else{
        System.out.println("Largest of three numbers is:"+c);
    }
}
```

2 Windows PowerShell

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00] Lab> javac Large.java
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00] Lab> java Large
largest of three numbers is:15
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00] Lab> -
```

Values.java - Notepad

File Edit Format View Help

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

```
class Values {
```

```
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.println("enter the till where numbers should be displayed");
        int n = scanner.nextInt();
        for (int i=1; i<=n; i++){
            System.out.println(i);
        }
    }
}
```

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab> javac values.java
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab> java values
enter the till where numbers should be displayed
1
2
3
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab> -
```

Pattrenjava - Notepad

File Edit Format View Help

import java.util.Scanner;

class Pattren {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("enter the number of rows");

int n= scanner.nextInt();

int c=1;

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

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

System.out.print(" "+c);

c++;

}

System.out.println();

H

}

}

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab> javac Patteren.java
enter the number of rows
5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00J Lab>
```

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

```
class Grade {
```

```
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.println("enter the cie marks");
        int cie= scanner.nextInt();
        System.out.println("enter the see marks");
        int see= scanner.nextInt();
        float total= see+(cie/2);

        if (total>=90){
            System.out.println("S\n");
        }else if (total>=80 && total<90){
            System.out.println("A\n");
        }else if (total>=70 && total<80){
            System.out.println("B\n");
        }else if (total>=60 && total<70){
            System.out.println("C\n");
        }else if (total>=50 && total<60){
            System.out.println("D\n");
        }else if (total>=40 && total<50){
            System.out.println("F\n");
        }
    }
}
```

```
System.out.println("D\\n");  
}else if (total>49 && total<59){  
System.out.println("E\\n");  
}  
else {  
System.out.println("F\\n");  
}
```

2 Windows PowerShell

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00j Lab> javac Grade.java
PS C:\Users\dashr\OneDrive\Desktop\Roshni 00j Lab> java Grade
enter the cie marks
```

enter the see marks

PS C:\Users\dashr\OneDrive\Desktop\Roshni 001 Lab> -

```
import java.util.Scanner;

class Prime{

    public static void main(String[] args) {
        int j=0;
        Scanner scanner = new Scanner(System.in);
        System.out.println("enter the first number");
        int a= scanner.nextInt();
        System.out.println("enter the last number");
        int b= scanner.nextInt();

        for (int i=a; i<=b; i++){
            for (int k=2; k<=i/2; k++){
                if (i%k==0){
                    j = 0;
                    break;
                }else {
                    j=1;
                }
            }
            if (j==1){
                System.out.println(i);
            }
        }
    }
}
```

```
int b= scanner.nextInt();
```

```
for (int i=a; i<=b; i++){  
    for (int k=2; k<=i/2; k++){  
        if (i%k==0){  
            j = 0;  
            break;  
        }  
    }  
}
```

```
}  
if (j==1){  
    System.out.println(i);  
}
```

2. Windows PowerShell

```
PS C:\Users\dashr\OneDrive\Desktop\Roshni ooj Lab> javac Prime.java
PS C:\Users\dashr\OneDrive\Desktop\Roshni ooj Lab> java Prime
enter the first number
20
enter the last number
40
23
29
31
37
PS C:\Users\dashr\OneDrive\Desktop\Roshni ooj Lab>
```