

Sumedh ahire

FYMCA-B

BATCH 1 03

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

```
class calci{
```

```
    float n1,n2;
```

```
    calci(float n1,float n2){
```

```
        this.n1=n1;
```

```
        this.n2=n2;
```

```
    }
```

```
    float div(){
```

```
        return n1/n2;
```

```
    }
```

```
    float add(){
```

```
        return n1+n2;
```

```
    }
```

```
    float sub(){
```

```
        return n1-n2;
```

```
    }
```

```
    float mul(){
```

```
        return n1*n2;
```

```
}
```

```
float mod(){
```

```
    return n1%n2;
```

```
}
```

```
void fact(){
```

```
    int num1=(int)n1;
```

```
    int num2=(int)n2;
```

```
    int i,sum1=1,sum2=1;
```

```
    for(i=1;i<=num1;i++){
```

```
        sum1*=i;
```

```
    }
```

```
    num1=i;
```

```
    for(i=1;i<=num2;i++){
```

```
        sum2*=i;
```

```
    }
```

```
    num2=i;
```

```
    System.out.println("number 1:"+sum1);
```

```
    System.out.println("number 2:"+sum2);
```

```
}
```

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

```
    int ch=0;
```

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

```
    calci c=new calci(Float.parseFloat(args[0]),Float.parseFloat(args[1]));
```

```
    while(true){
```

```
        System.out.println("\n===MENU===\n1)add\n2)div\n3)sub\n4)multiple\n5)mod\n6)factoria  
l\n7)exit");
```

```
        ch=sc.nextInt();
```

```
        switch(ch){
```

```
case 1: System.out.println(c.add()); break;
case 2: System.out.println(c.div()); break;
case 3: System.out.println(c.sub()); break;
case 4: System.out.println(c.mul()); break;
case 5: System.out.println(c.mod()); break;
case 6: c.fact(); break;
case 7: System.out.println("bye!"); return;
default: System.out.println("Wrong!");
```

```
}
```

```
}
```

```
}
```

```
}
```