Main.java

```java
import java.util.Scanner;
public class ak {
    public static void main(String[]args){
        Scanner input=new Scanner(System.in);
int n=input.nextInt();
int a1=0,a2=1,a3;
int a[]=new int[50];
for(int i=0;i<10;i++)
{
    a[i]=a1;
    System.out.print(a[i]+" ");
    a3=a1+a2;
    a1=a2;
    a2=a3;
} int sum=0;
for(int i=0;i<=n*2;i=i+2)
{
    sum=sum+a[i];
}
System.out.println("\nSum: "+sum);
}
}
```

Output

```
java -cp /tmp/Xa8yGkXwCj/ak
4
0 1 1 2 3 5 8 13 21 34
Sum: 33

=== Code Execution Successful ===
```

Main.java

```java
import java.util.Scanner;
public class ak
{
    public static void main(String[]args){
    Scanner input=new Scanner(System.in);
    int income=input.nextInt();
    float tax;
if(income<=150000)
    System.out.println("No tax");
    else if(income>=150001 && income<=300000)
    System.out.println("Tax= "+income/10);
else if(income>=300001 && income<=500000)
System.out.println("Tax= "+income/20);
else
    System.out.println("Tax= "+income/30); }
    }
```

Output

```
java -cp /tmp/ksrgF9HuQE/ak
200000
Tax= 20000

=== Code Execution Successful ===
```

Main.java

```java
import java.util.Scanner;
public class ak
{
    public static void main(String[]args){
        String s1="MADA"; String s2="";
        int len=s1.length();
        for(int i=len-1;i>=0;i--)
{
    s2=s2+s1.charAt(i);
}
if(s1.equals(s2))
    System.out.print("Palindrome"); else
    System.out.print("Not palindrome"); }
}
```

Output

java -cp /tmp/beoJ4b1Gv8/ak
Not palindrome
=== Code Execution Successful ===

```java
import java.util.Scanner;
public class ak {
    public static void main(String[]args){
Scanner input=new Scanner(System.in);
int n=input.nextInt();
int rev=0;
while(n!=0)
{
    int rem=n%10;
    rev=rev*10+rem;
    n=n/10;
}
System.out.print(rev); }
}
```

Main.java

```java
import java.util.Scanner;
public class ak
{
    public static void main(String[]args){
    Scanner input=new Scanner(System.in);
String s1=input.nextLine();
String s2=input.nextLine();
if(s1==s2)
    System.out.print("user name valid"); else
    System.out.print("user name Invalid");

    }
}


```

Output

```
java -cp /tmp/BX6cFmL0cf/ak
Saveetha@789
saveetha@123
user name Invalid
=== Code Execution Successful ===
```

Main.java ⟦ ⟧ ☼ [Run] **Output**

```java
1
2  import java.util.Scanner;
3  public class ak {
4      public static void main(String[]args){
5          Scanner input=new Scanner(System.in);
6  int a[]={16,18,27,16,23,21,19};
7  int len=a.length; int sum=0;
8  for(int i=0;i<len;i++)
9  {
10      sum=sum+a[i];
11  }
12  int mean=sum/len;
13  System.out.println("mean: "+mean);
14  for(int i=0;i<len;i++)
15  {
16      for(int j=i+1;j<len;j++)
17      {
18          if(a[i]>a[j])
19          {
20              int temp=a[i];
21              a[i]=a[j];
22              a[j]=temp;
23          }
24      } }
25  for(int i=0;i<len;i++)
26  {
27      if(len%2==0)
```

```
java -cp /tmp/CpMN4fGjW6/ak
mean: 20
4median: 19
mode: 16

=== Code Execution Successful ===
```

Main.java

```java
import java.util.Scanner; public class ak
{
    public static void print(int a[])
    {
        for(int i=0;i<a.length;i++)
        {
            System.out.print(a[i]+" ");
        }
        System.out.println();
    }
    public static void swap(int a[],int i,int j)
    {
        int temp=a[i];          a[i]=a[j];          a[j]=temp;
    }
    public static void per(int a[],int t)
    {
        if(t==a.length)
        {
            print(a);               return;
        }
        for(int i=t;i<a.length;i++)
        {
            swap(a,i,t);            per(a,t+1);            swap(a,i,t);

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

Output

```
java -cp /tmp/zUgr8BiEeG/ak
1 4 3
1 3 4
4 1 3
4 3 1
3 4 1
3 1 4

=== Code Execution Successful ===
```