The Bhopal school of social sciences

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java

Main.java

Run

```java
// Online Java Compiler
// Use this editor to write, compile and run your Java code online
public class Fibonacci {

    public static void main(String[] args) {

        int i = 1, n = 10, t1 = 0, t2 = 1;
        System.out.print("First " + n + " terms: ");

        while (i <= n)
        {
            System.out.print(t1 + " + ");

            int sum = t1 + t2;
            t1 = t2;
            t2 = sum;

            i++;
        }
    }
}
```

Output

```
java -cp /tmp/KM634xGq2t Fibonacci
First 10 terms: 0 + 1 + 1 + 2 + 3 + 5 + 8 + 13 + 21 + 34 +
```

```java
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        int n, sum = 0;
        float average;
        Scanner s = new Scanner(System.in);
        int a[]=new int[10];
        System.out.println("Enter all the elements:");
        for(int i = 0; i < 10 ; i++)
        {
            a[i] = s.nextInt();
            sum = sum + a[i];
        }
        System.out.println("Sum:"+sum);
        average = (float)sum / 10;
        System.out.println("Average:"+average);
    }
}
```

```
Enter all the elements:
2
4
5
6
4
2
5
4
5
5
Sum:42
Average:4.2
```

python

main.py

```
1 Fahrenheit= 65
2 Celsius = ((Fahrenheit-32)*5)/9
3 print("Temperature in Celsius is: ");
4 print(Celsius);
```

Run

Shell

```
Temperature in Celsius is:
18.333333333333332
>
```

main.py

```
1  import random
2  a= input("enter numbers for random")
3  c=(random.choice(a))
4  b=(random.choice(a))
5  print(b)
6  print(a)
7  c=int(a)
8  d=int(a)
9
10 print("sum",int(c+d))
11 print("avg",float(c+d)/2)
```

Run

Shell

```
enter numbers for random5
5
5
sum 10
avg 5.0
>
```