REPORT ON YOUTUBE GROWTH CALCULATER

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OVERVIEW

The YouTube Subscribers growth Calculator is used to

- Determine Follower Growth Rate of the YouTube Business Acc
- To make it easier for the YouTube channel to know their Subscriber over time, and to determine their future goals as he would be having more videos which would be gaining him a greater audience for explore his channel.

GOALS

1. Help determine the follower growth of an YouTube channel.
2. Analysis of business goals
3. Help build a better community
4. Help to read the audience requirements

SPECIFICATIONS

Here we consider the current number of Subscribers, rate of growth(%), time duration number of posts we derive a mathematical formula to calculate the Subscribers and run the program.

TOOLS USED

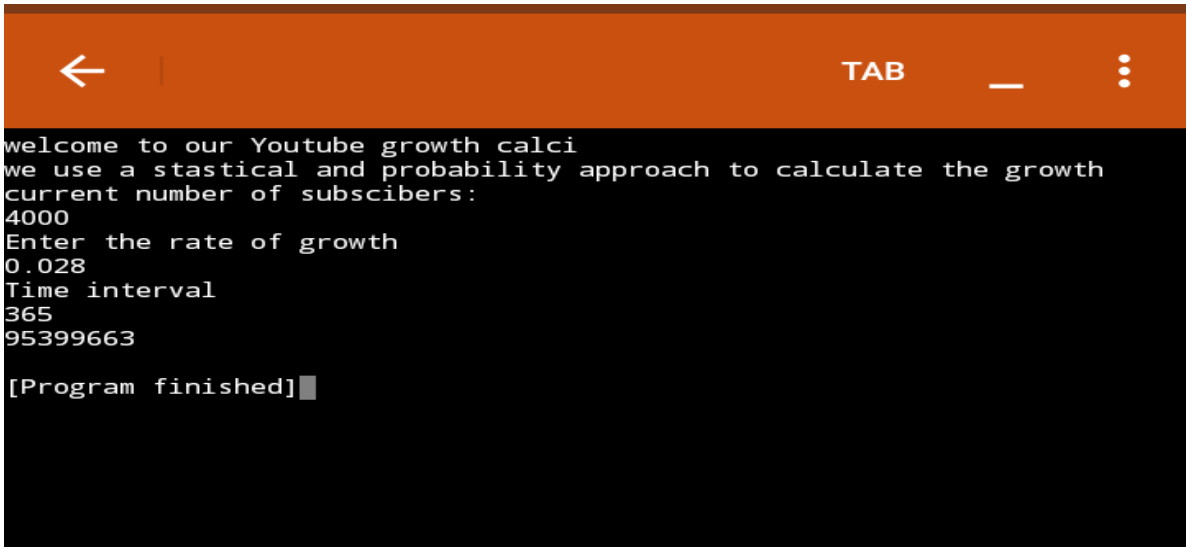
- Online java editor (Tutorial point)
- Jvdroid

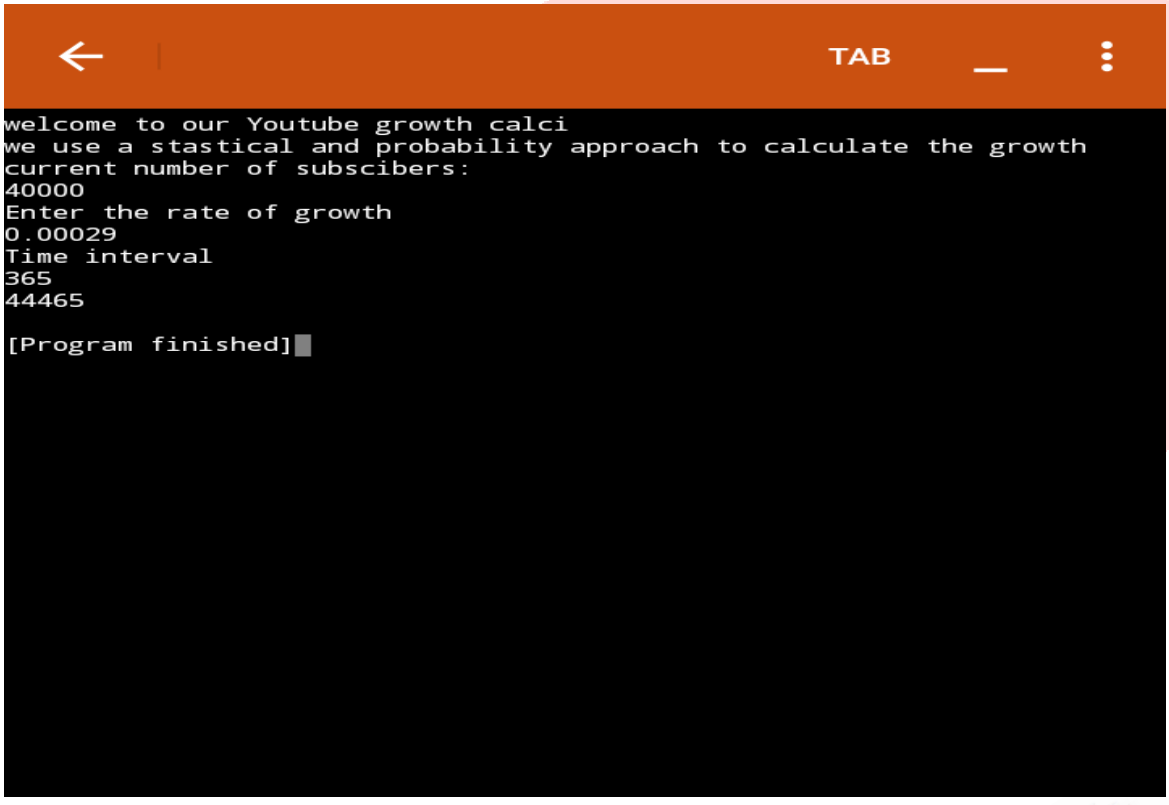
SOURCE CODE:

```
//prajwalms //1ve18ec070// sri venkateshwara collage of engineering//4/8/20//gowdaprajwal009@gmail.com
package p1;
import java.util.Scanner;
public class growth{
public static void main(String[]args){
//a=current number of subs-4000
//r=rate of growth-0.028
//x=time durations
//y=a(1+r)^x
System.out.println("welcome to our Youtube growth calci");
System.out.println("we use a stastical and probability approach to calculate the growth");
System.out.println("current number of subscibers:");
Scanner Scan =new Scanner(System.in);
int a=Scan.nextInt();
System.out.println("Enter the rate of growth");
double r=Scan.nextDouble();
System.out.println("Time interval");
int x= Scan.nextInt();
System.out.println(calculateSubs(a,r,x));
}
public static int calculateSubs(int a, double r, int x){
return (int) (a*Math.pow((1+r),x));
}
}
```

YouTube

OUTPUT:





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