1.What is the output of the following code, first try to write your answers on a paper then run the code and compare your answers with output.

```
Public static void main (String [ ] args )
{
   int i=1;
   int  x=100;
   double y=0.42;
  string name=''Marya'';
  tryPrimitives(i,x,y,name);
  system.out.println('' i = '' + i+ ''x = '' +x+ ''y = ''+y+ ''name = ''+ name);
}
public static void tryPrimitives(int i, int b, double y, String text)
{
  i=i*10;
  b=b-10;
  y=0.45;
  text=''Sam'';
}
```

2.Write a method called textGenerator which prints the following lines. note that you have to write a single method and call it inside the main method by passing the desired string arguments. For example In each lines the ''life is a '' and ''I am '' and ''it'' parts are constants, thus you only need to modify the rest of the lines by passing two argument to text generator method each time.

Life is a gift, I am accepting it.

Life is a mystery, I am solving it.

Life is a game, I am playing it.

Life is a chance, I am taking it.

Life is a mission, I am fulfilling it.

Life is a love, I am enjoying it.

3.Write a java program to answer the following questions using scanner method. When you run your program it should print only first line **Which city you are living in?** and wait for you to type a proper answer using scanner method. Then after you type the answer and press Enter the program should continue printing **What is 10 multiply by 10?**

Which city you are living in?

What is 10 multiply by 10?

What is your favourite colour?

Enter a number between 0.1 and 0.9.

4.Write a java class called indexFinder which can find the indices of all the alphabets appeared in the given string and print them as following:

"The quick brown fox jumps over the lazy dog."

```
a  b  c  d e  f  g h i  j
=========================
36 10 7 40 2 16 42 1 6 20

k  l  m  n  o  p  q  r  s  t
===========================
8 35 22 14 12 23 4 11 24 31

u  v  w  x  y  z
================
5 27 13 18 38 37
```