Computer Science Homework 1 :

AddTwo -

```
public class AddTwo
      {
            public static void main (String[] args)
            {
                  int firstNum = Integer.parseInt ( args[0] );
                  int secondNum = Integer.parseInt ( args[1] );
                  int sum = firstNum + secondNum;
                  System.out.println ( firstNum + " + " + secondNum +
" = " + sum );
            }
      }
```

Coins –

```
public class Coins
{
      public static void main ( String [] args )
      {
            int givenamount = Integer.parseInt ( args[0] );
            int quarteramount;
            int centamount;
            quarteramount = givenamount / 25;
            centamount = givenamount % 25;
            System.out.println ( " Use " + quarteramount + " quarters
and " + centamount + " cents " );
      }
}
```

LinearEq –

```
public class LinearEq
{
      public static void main ( String[]args )
      {
            double a = Double.parseDouble(args[0]);
            double b = Double.parseDouble(args[1]);
            double c = Double.parseDouble(args[2]);
            double x = ( c - b ) / a;
            System.out.println ( a + " * x + " + b + " = " + c );
            System.out.println ( "x = " + x );
      }
}
```

Triangle –

```
public class Triangle
{
      public static void main ( String[]args )
      {
            int side1 = Integer.parseInt ( args [0] );
            int side2 = Integer.parseInt ( args [1] );
            int side3 = Integer.parseInt ( args [2] );
            if ( side1 + side2 <= side3 )
                  {
                        System.out.println ( side1 + ", " + side2 + ",
" + side3 + ": " + "false");
                  }
                  else if ( side2 + side3 <= side1 )
                  {
                        System.out.println ( side1 + ", " + side2 + ",
" + side3 + ": " + "false");
                  }
                  else if ( side1 + side3 <= side2 )
                  {
                        System.out.println ( side1 + ", " + side2 + ",
" + side3 + ": " + "false");
                  }
                  else
                  {
                        System.out.println ( side1 + ", " + side2 + ",
" + side3 + ": " + "true");
                  }
      }
}
```

GenThree –

```
public class GenThree
      {
            public static void main ( String[]args )
            {
                  int randomNum;
                  int a = Integer.parseInt ( args[0] );
                  int b = Integer.parseInt ( args[1] );
                  int min = b;
                  for ( int i = 0; i < 3; i++ )
                  {
                        randomNum = (int)(Math.random()*(b - a )) + a;
                        System.out.println ( randomNum );
                        if ( randomNum < min )
                        {
                              min = randomNum;
                        }
                  }
                  System.out.println("The minimal generated number was
"+min);
            }
      }
```