Saved

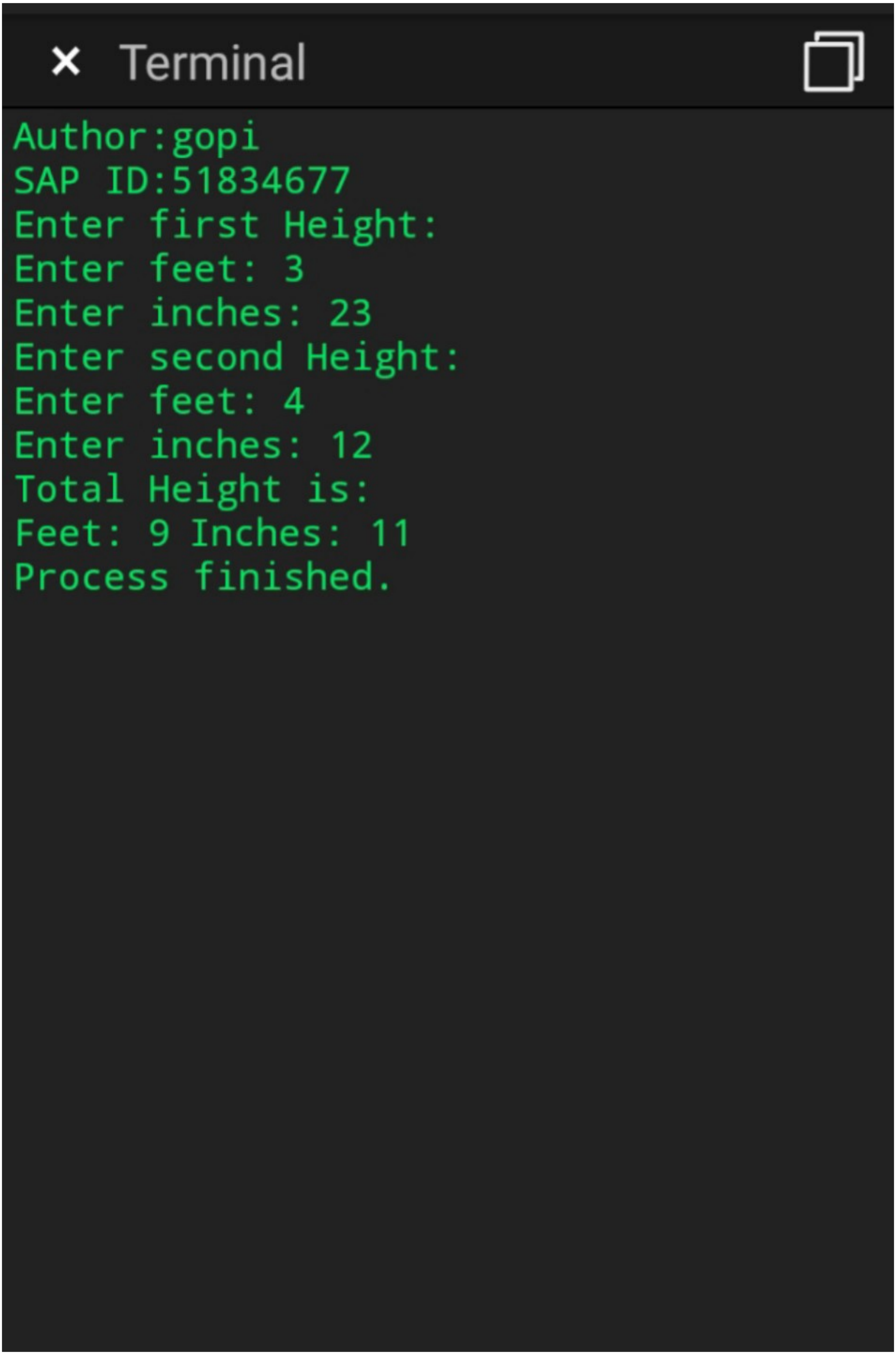
title :

Description :

Tags :

```
1   import java.util.*;
2
3   class Height
4   {
5     private int feet;
6     private int inches;
7
8     public void getDistance()
9     {
10      Scanner sc=new Scanner(System.in);
11
12      System.out.print("Enter feet: ");
13      feet=sc.nextInt();
14      System.out.print("Enter inches: ");
15      inches=sc.nextInt();
16    }
17    public void showDistance()
18    {
19      System.out.println("Feet: "+ feet + "\tIn
20    }
21
22    public void addDistance(Height H1, Height H
23    {
24      inches=H1.inches+H2.inches;
25      feet=H1.feet+H2.feet+(inches/12);
26      inches=inches%12;
27    }
28  }
29
30  public class Main
31  {
32    public static void main(String []s)
33    {
```

```
27
28
29
30  class Main
31
32 ic static void main(String []s)
33
34 y
35
36
37 eight H1=new Height();
38 eight H2=new Height();
39 eight H3=new Height();
40
41 //read first Height
42 System.out.println("Author:gopi\nSAP ID:51834
43 System.out.println("Enter first Height: ");
44 1.getDistance();
45
46 //read second Height
47 System.out.println("Enter second Height: ");
48 2.getDistance();
49
50 //add heights
51 3.addDistance(H1,H2);
52 //print Height
53 System.out.println("Total Height is:" );
54 3.showDistance();
55
56 tch (Exception e)
57
58 System.out.println("Exception occurred :"+ e.
59
60
61
```


Terminal
Author:gopi
SAP ID:51834677
Enter first Height:
Enter feet: 3
Enter inches: 23
Enter second Height:
Enter feet: 4
Enter inches: 12
Total Height is:
Feet: 9 Inches: 11
Process finished.

```
1  abstract class Furniture {
2
3     protected String color;
4     protected int width;
5     protected int height;
6     public abstract void accept();
7     public abstract void display();
8   }
9        class chair extends Furniture {
10    private int numOf_legs;
11
12    public void accept() {
13
14    color = "Brown";
15    width = 36;
16    height = 48;
17    numOf_legs = 4;
18  }
19      public void display()     {
20    System.out.println("DISPLAYING VALUE FOR CH
21    System.out.println("=======================
22    System.out.println("Color is" + color);
23    System.out.println("Width is" + width);
24    System.out.println("Height is" + height);
25    System.out.println("Number of legs is" + nu
26    System.out.println(" ");
27    }
28  }
29
30  class Bookshelf extends Furniture {
31
32    private int numOf_shelves;
33
34    public void accept()  {
35
36      color ="Black";
37      width = 72;
38      height = 84;
```

Terminal
DISPLAYING VALUES FOR BOOKSHELF
==========
Color isBlack
Width is72
Height is84
Number of shelves is4
DISPLAYING VALUE FOR CHAIR
==========
Color isBrown
Width is36
Height is48
Number of legs is4

Terminal

```
DISPLAYING VALUES FOR BOOKSHELF
===================================
Color isBlack
Width is72
Height is84
Number of shelves is4

DISPLAYING VALUE FOR CHAIR
==================================
Color isBrown
Width is36
Height is48
Number of legs is4
```

31st assign.java

Saved

title :

Description :

Tags :

```
1   port java.util.*;
2
3   ass Main
4
5     public static int[] remove(int[] x, int key
6
7         List<Integer> result = new ArrayList<>()
8
9         for (int y: x) {
10            if (y != key) {
11                result.add(y);
12            }
13        }
14
15        return result.stream()
16                    .mapToInt(Integer::intValue)
17                    .toArray();
18  }
19
20  public static void main(String[] args) {
21        int[] x = { 1, 4, 1, 3, 1, 2, 1, 0 };
22        int key = 1;
23
24        x = remove(x, key);
25        System.out.println("Author:gopi\nSAP ID:
26        System.out.println(Arrays.toString(x));
```

Terminal

```
Author:gopi
SAP ID:51834577
[4, 3, 2, 0]
Process finished.
```

```java
public class Main
{
    public static void main(String[] args)
    {
        int i,j,k;
        for(i=1;i<=5;i++)
        {
            for(j=5;j>i;j--)
            {
                System.out.print(" ");
            }
            if(i%2!=0)
            {
                for(j=1,k=1;j<=2*i-1;j++)
                {
                    if(j<i)
                    {
                        System.out.print(k);
                        k++;
                    }
                    else
                    {
                        System.out.print(k);
                        k--;
                    }
                }
            }
            else
            {
                for(j=1,k=i;j<=2*i-1;j++)
                {
                    if(j<i)
                    {
                        System.out.print(k);
                        k--;
                    }
                    else
                    {
                        System.out.print(k);
                        k++;
```

Make public

```
    1
   212
  12321
 4321234
123454321
Process finished.
```

```java
import java.util.Scanner;

public class DemoTranslation {
public static void main(String[] args) {
int n;
float sum;
int count;


System.out.print("\nEnter total number of ter
n = STDIN_SCANNER.nextInt();


sum = 0.0f;


for (int i = 1; i <= n; i++) {
sum = sum + (float)Math.pow(count, 2) / (floa
count += 2;
}

System.out.printf("\nSum of the series is ::
}
```

Select Select all Paste

```
Enter total number of terms :: 3

Sum of the series is :: 1.533333
Process finished.
```