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Q4.

Solution :

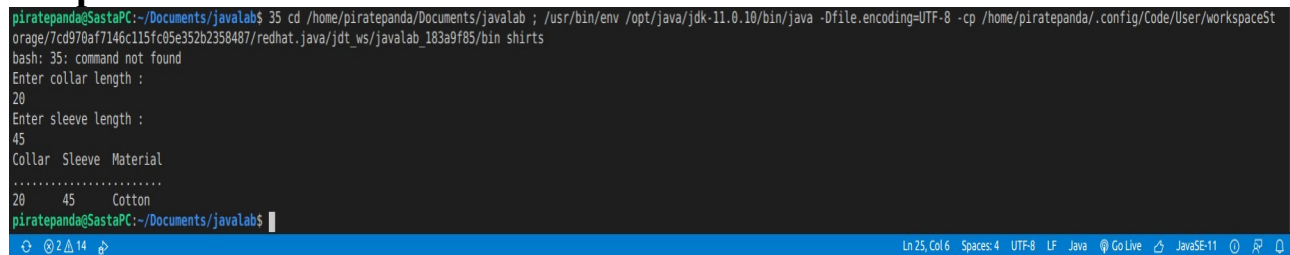
```
import java.util.Scanner;
public class shirts {
    int collar,sleeve;
    String s1 = "Cotton";

    public shirts(int n1,int n2){
        collar = n1;
        sleeve = n2;
    }

    public void display(){
        System.out.println("Collar\tSleeve\tMaterial");
        System.out.println(".....");
        System.out.println(collar+"\t"+sleeve+"\t"+s1);
    }

    public static void main(String args[]){
        Scanner in = new Scanner(System.in);
        System.out.println("Enter collar length : ");
        int n1 = in.nextInt();
        System.out.println("Enter sleeve length : ");
        int n2 = in.nextInt();
        shirts obj = new shirts(n1,n2);
        obj.display();
    }
}
```

Output :



```
piratepanda@SastaPC:~/Documents/javalab$ 35 cd /home/piratepanda/Documents/javalab ; /usr/bin/env /opt/java/jdk-11.0.10/bin/java -Dfile.encoding=UTF-8 -cp /home/piratepanda/.config/Code/User/workspaceSt
orage/7cd970af7146c115fcd05e352b2358487/redhat.java/jdt_ws/javalab_183a9f85/bin shirts
bash: 35: command not found
Enter collar length :
20
Enter sleeve length :
45
Collar Sleeve Material
.....
20    45    Cotton
piratepanda@SastaPC:~/Documents/javalab$
```

Q5.

Solution :

```
import java.util.Scanner;

class TaxPayer{
int SSN,gross;

public TaxPayer(int n1,int n2){
SSN = n1;
gross = n2;
}

public int getSSN(){
return SSN;
}

public int getGross(){
return gross;
}
}

class useTaxPayer extends TaxPayer {
public static void main(String args[]){
Scanner in = new Scanner(System.in);
TaxPayer[] obj = new TaxPayer[10];
int i,n1,n2;
n1 = 100000;
for(i=0;i<10;i++){
System.out.print("Enter Gross : ");
n2 = in.nextInt();
obj[i] = new TaxPayer(n1,n2);
n1+=1;
}
System.out.println("S.I No\tSSN\tGross Income");
System.out.println(".....");
for(i=0;i<10;i++){
System.out.println(i+"\t"+obj[i].getSSN()+"\t"+obj[i].getGross());
}
}
}
```

Output :

```
piratepanda@SastaPC:~/Documents/javaLab$ cd /home/piratepanda/Documents/javaLab ; /usr/bin/env /opt/java/jdk-11.0.10/bin/java -Dfile.encoding=UTF-8 -cp /home/piratepanda/.config/Code/User/workspaceStorage/7cd978af7146c115fc05e352b2358487/redhat.java/jdt_ws/javaLab_183a9f85/bin useTaxPayer
Enter Gross : 10010
Enter Gross : 12343
Enter Gross : 123423
Enter Gross : 345325
Enter Gross : 5645
Enter Gross : 677
Enter Gross : 56
Enter Gross : 435345
Enter Gross : 2343
Enter Gross : 56
S.I No  SSN      Gross Income
.....
0      100000  10010
1      100001  12343
2      100002  123423
3      100003  345325
4      100004  5645
5      100005  677
6      100006  56
7      100007  435345
8      100008  2343
9      100009  56
```