

Ans 1:

```
import java.util.Scanner;

class Age<T,S>{

    T ob1;

    S ob2;

    Age(T age,S string){

        ob1=age;

        ob2=string;

    }

    T get_int(){

        return ob1;

    }

    S get_string(){

        return ob2;

    }

}

class Testj{

    public static void main(String args[]){

        Scanner sc=new Scanner(System.in);

        System.out.println("PERSON 1:-\nEnter your current age:");

        int curr_age=sc.nextInt();

        Age<Integer,String> a=new Age<Integer,String>(curr_age," is your current age");

        int i=a.get_int();

        String str=a.get_string();

        System.out.println(i+str);

        System.out.println("PERSON 2:-\nEnter your current age:");

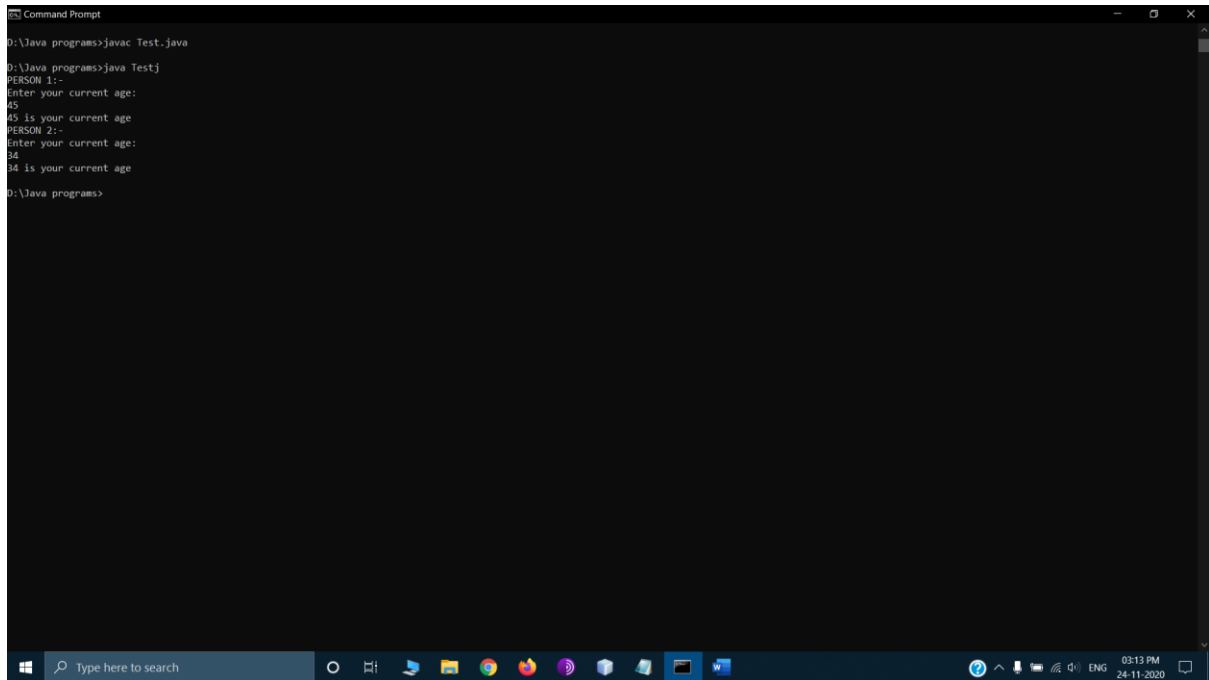
        int curr_age1=sc.nextInt();

        Age<Integer,String> a1=new Age<Integer,String>(curr_age1," is your current age");

        int i1=a1.get_int();

        String str1=a1.get_string();
```

```
        System.out.println(i1+str1);
    }
}
```



```
Command Prompt
D:\Java programs>javac Test.java
D:\Java programs>java Testj
PERSON 1:-
Enter your current age:
45
45 is your current age
PERSON 2:-
Enter your current age:
34
34 is your current age
D:\Java programs>
```

Ans 2:

```
import java.util.Scanner;

class my_excep extends Exception{
    String detail;

    my_excep(String string){
        detail=string;
    }
}
```

```

    public String toString(){
        return detail;
    }
}

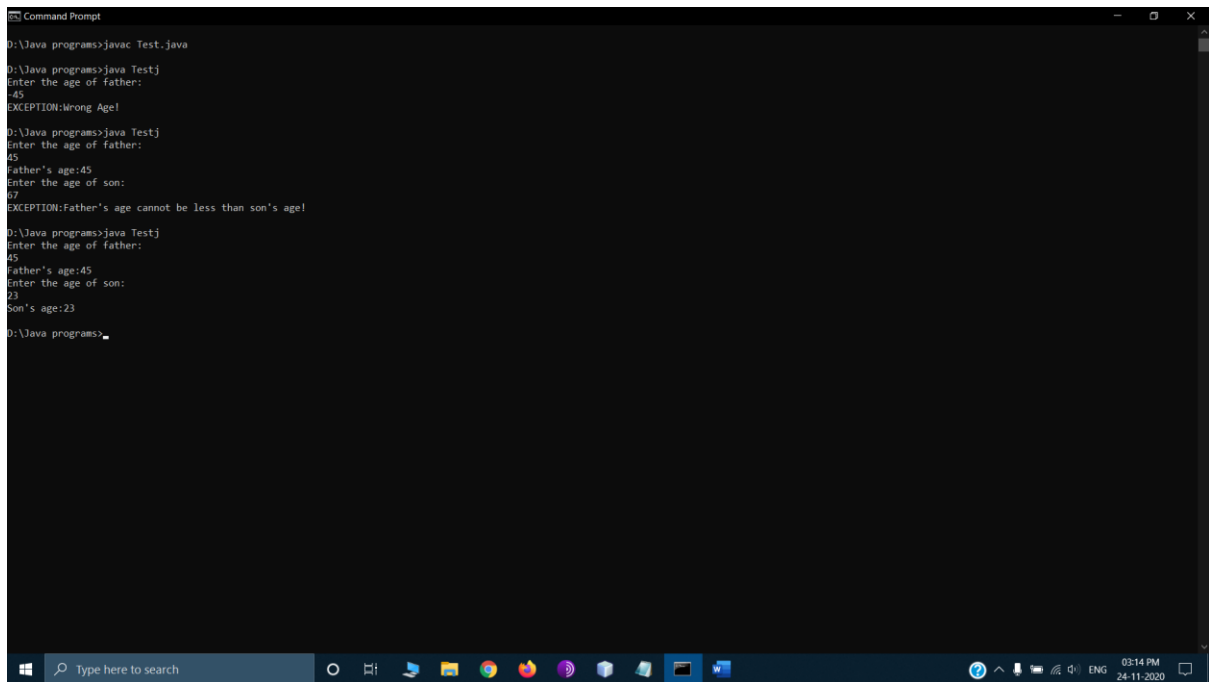
class father{
    Scanner sc=new Scanner(System.in);
    int f_age;
    father() throws my_excep{
        System.out.println("Enter the age of father:");
        f_age=sc.nextInt();
        if(f_age<0)
            throw new my_excep("Wrong Age!");
        else
            System.out.println("Father's age:"+f_age);
    }
}

class son extends father{
    int s_age;
    son() throws my_excep{
        System.out.println("Enter the age of son:");
        s_age=sc.nextInt();
        if(s_age>f_age)
            throw new my_excep("Father's age cannot be less than son's age!");
        else
            System.out.println("Son's age:"+s_age);
    }
}

class Testj{
    public static void main(String args[]){
        try {
            son s=new son();

```

```
    } catch (my_excep e) {  
        System.out.println("EXCEPTION:"+e);  
    }  
}  
}
```



```
Command Prompt  
D:\Java programs>javac Test.java  
D:\Java programs>java Testj  
Enter the age of father:  
-45  
EXCEPTION:Wrong Age!  
D:\Java programs>java Testj  
Enter the age of father:  
45  
Father's age:45  
Enter the age of son:  
67  
EXCEPTION:Father's age cannot be less than son's age!  
D:\Java programs>java Testj  
Enter the age of father:  
45  
Father's age:45  
Enter the age of son:  
23  
Son's age:23  
D:\Java programs>
```