

```

import java.util.*;

class interest
{
    public static void main(String[] args)
    {
        try
        {
            double p;
            int n;
            double r,i;

            Scanner sc=new Scanner(System.in);

            System.out.print("Is the person is senior citizen(y/n): ");
            char g=sc.next().charAt(0);

            System.out.println("Enter the principal amount:");
            p=sc.nextDouble();

            System.out.println("Enter the no.of.years:");
            n=sc.nextInt();

            if(g=='y' || g=='Y')
            {
                r=12;

                i=p*n*r/100;

                System.out.println("Interest:"+i);
            }
            if(g=='n' || g=='N')
            {
                r=10;

                i=p*n*r/100;

                System.out.println("Interest:"+i);
            }
        }
    }
}

```

```
        if(p<=0)
        {

            System.out.println("Enter the valid amount");
        }
        if(n<=0)
        {
            System.out.println("Enter the valid no.of.years");
        }
    }
    catch(Exception e)
    {
        System.out.println("Enter the amount");
    }
}
}
```

Output

Clear

```
java -cp /tmp/6kFmDcQN3M interest
```

```
Is the person is senior citizen(y/n): yes
```

```
Enter the principal amount:
```

```
200000
```

```
Enter the no.of.years:
```

```
5
```

```
Interest:120000.0
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|
```