

2(H).SIMPLE INTEREST CALCULATION

AIM:

To draw flowchart and write algorithm ,program for calculating simple interest calculation.

ALGORITHM:

Step 1: Start

Step 2: Read p, r and t.

Step 3: calculate simple interest $(SI) = (p*r*t)/100$

Step 4: Print SI

Step 5: Stop

PROGRAM:

```
p=int(input('enter initial principle balance:'))
```

```
r=int(input('enter annual interest rate:'))
```

```
t=int(input('enter time in years :'))
```

```
SI=(p*r*t)/100
```

```
print(SI)
```

OUTPUT:

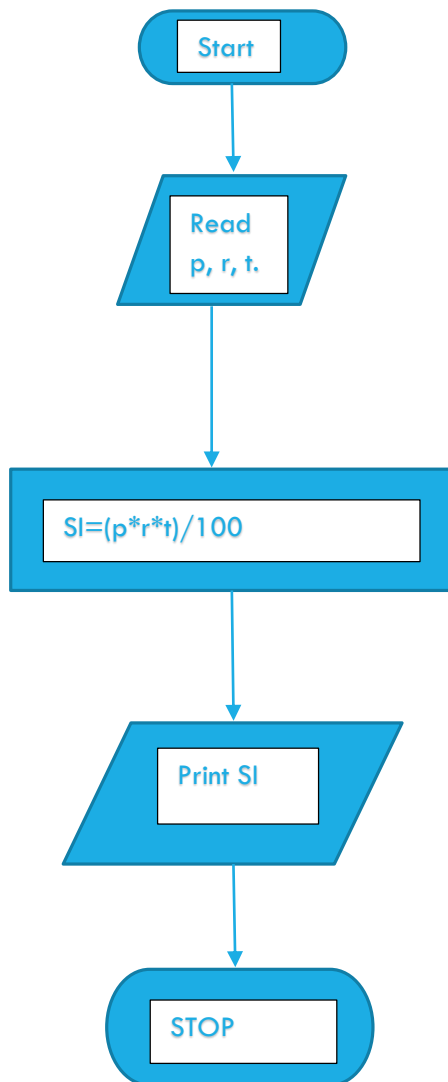
```
enter initial principle balance:56
```

```
enter annual interest rate:78
```

```
enter time in years :3
```

```
131.04
```

FLOWCHART:



RESULT:

The python program is executed and the output is verified.

2(I). PRINT 1ST VALUE OF A NUMBER

AIM:

To draw flowchart and write algorithm, program for printing 1st value of a number.

ALGORITHM:

Step 1: Start

Step 2: Read a string p

Step 3: Print p[-1]

Step 4: Stop

PROGRAM:

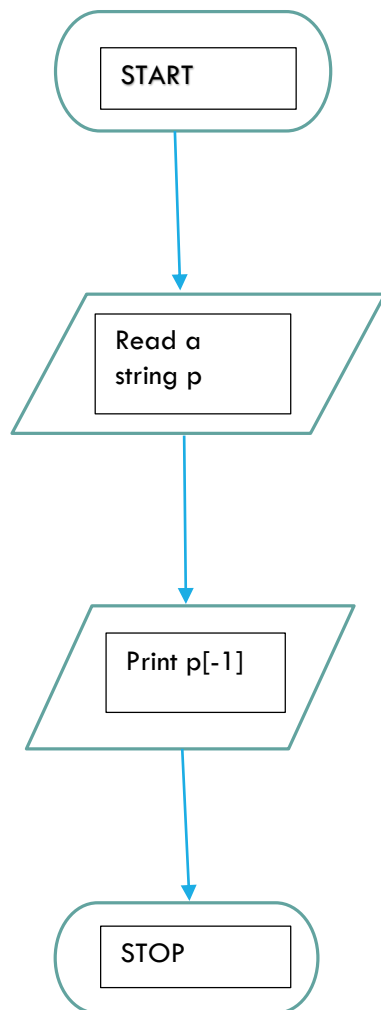
```
p=input('enter a number:')  
print(p[-1])
```

OUTPUT:

enter a number:2345

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FLOWCHART:



RESULT:

The python program is executed and output is verified.