

07/10/2024

27 Aim: To calculate the % remainder of  $a \times b$  mod  $c$

### Algorithm

Step-1: Start

Step-2: Declare  $a, b, c, d, e$

Step-3: Read  $a, b, c$

Step-4: Assign  $a=5, b=3, c=2$

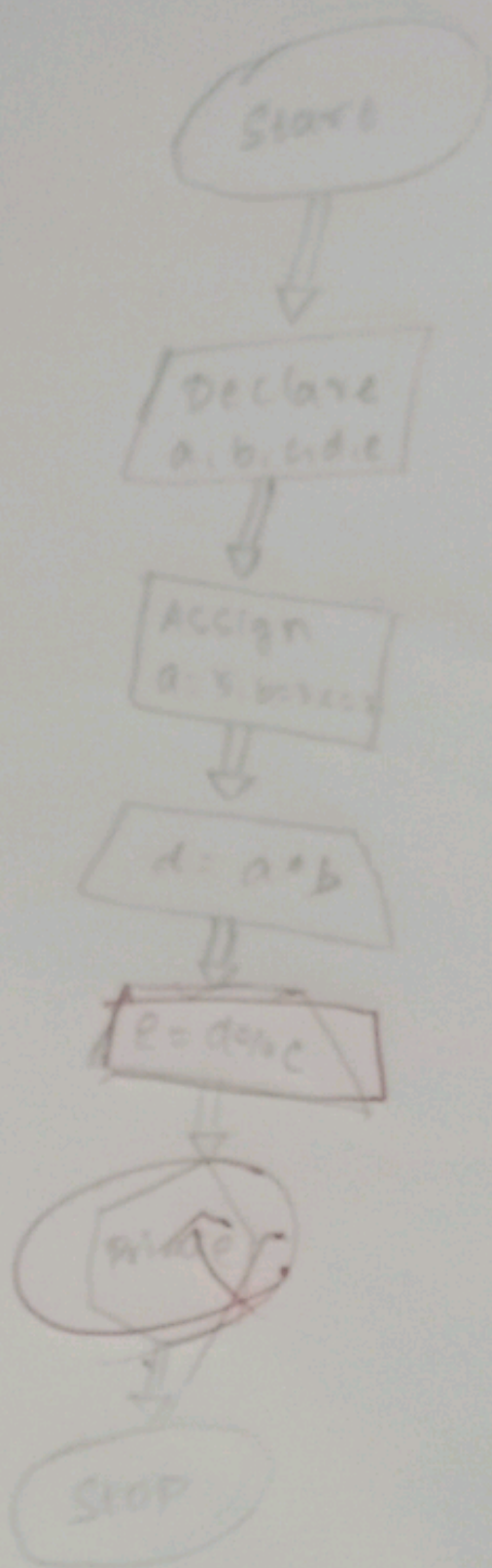
Step-5:  $d = a \times b$

Step-6:  $e = d \% c$

Step-7: Print  $e$

Step-8: Stop

# Flow chart





Program:

```
#include <stdio.h>
```

```
void main()
```

```
{
```

```
    int a, b, c, d, e;
```

```
    scanf("%d %d %d", &a, &b, &c);
```

```
    d = a * b;
```

```
    e = d / c;
```

```
    printf("%d", e);
```

```
}
```

Input

5 3 2

Output

1

*Correct*  
*Shro 128*