

Section: Week-06-Decision Making

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MADHUJA BA 2024-CSE M2

# Week-06-Decision Making and Looping - for

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Coding: Attempt review | REC-CIS - Personal - Microsoft Edge

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Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     for(int i=1; i<=10; i++){
7         printf("%d x %d = %d\n",n, i, n*i);
8     }
9 }
```

	Input	Expected	Got	
✓	2	2 x 1 = 2 2 x 2 = 4 2 x 3 = 6 2 x 4 = 8 2 x 5 = 10 2 x 6 = 12 2 x 7 = 14	2 x 1 = 2 2 x 2 = 4 2 x 3 = 6 2 x 4 = 8 2 x 5 = 10 2 x 6 = 12 2 x 7 = 14	✓

	Input	Expected	Got	
✓	2	2 × 1 = 2 2 × 2 = 4 2 × 3 = 6 2 × 4 = 8 2 × 5 = 10 2 × 6 = 12 2 × 7 = 14 2 × 8 = 16 2 × 9 = 18 2 × 10 = 20	2 × 1 = 2 2 × 2 = 4 2 × 3 = 6 2 × 4 = 8 2 × 5 = 10 2 × 6 = 12 2 × 7 = 14 2 × 8 = 16 2 × 9 = 18 2 × 10 = 20	✓

Passed all tests! ✓

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```

1 // PARAMS: 1 2 3 4 5 6 7 8 9 10 11 12
2 int main(){
3     long long int n,t,i,nut=0;
4     scanf("%lld %lld",&n,&t);
5     for(i = 1;i<=n;i++){
6         nut+=i;
7         if(nut==t){
8             nut-=i;
9         }
10    }
11    printf("%lld",nut % 1000000007);
12 }

```

	Input	Expected	Got	
✓	2 2	3	3	✓
✓	2 1	2	2	✓
✓	3 3	5	5	✓

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main() {
3     long n;
4     int p;
5     scanf("%ld %d",&n,&p);
6     long factors[100000];
7     int count=0;
8     for(long i=1;i<=n;i++){
9         if(n%i==0){
10             factors[count++] =i;
11             if(i!=n/i){
12                 factors[count++] =n/i;
13             }
14         }
15     }
16     for(int i=0;i<count-1;i++){
17         for(int j=i+1;j<count;j++){
18             if (factors[i]>factors[j]){
19                 long temp = factors[i];
20                 factors[i]=factors[j];
21                 factors[j]=temp;
22             }
23         }
24     }
25     if(p>count){
26         printf("0");
27     }
28     else{
29         printf("%ld",factors[p-1]);
30     }
31 }
32
33 }
```

	Input	Expected	Got	
✓	10 3	5	5	✓
✓	10 5	0	0	✓
✓	1 1	1	1	✓

Passed all tests! ✓

Finish review

