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```
Que 1: Write a program to print factors of number in given range.
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```
Eg. Range 10 to 15

10 = 1, 2, 5, 10

11 = 1, 11

12 = 1, 2, 3, 4, 6, 12

13 = 1, 13

14 = 1, 2, 7, 14

15 = 1, 3, 5, 15
```

```
#include<stdio.h>

void printFactor(int start, int end){
    for (int i = start; i <= end; i++)
    {
        int num = i;
        printf("%d = ", num);
        for (int j = 1; j <=num/2; j++)
        {
            if(num % j==0) printf("%d, ", j);
        }
        printf("%d \n", num);
    }
}

int main(){
    int start, end;
    printf("Enter Start Value\n");
    scanf("%d", &start);
    printf("Enter Start Value\n");
    scanf("%d", &end);

    printFactor(start, end);
    return 0;
}</pre>
```



Que 2: Write a program to find power of any number. Eg. $2^4 = 16$.

```
#include<stdio.h>
int findPower(int base, int exponent){
   int pow = 1;
   while(exponent--) pow *= base;
   return pow;
}

int main(){
   int base, exponent;
   printf("Enter the value of Base\n");
   scanf("%d", &base);
   printf("Enter the value of Exponent\n");
   scanf("%d", &exponent);

   printf("%d^%d = %d", base, exponent, findPower(base, exponent));
   return 0;
}
```

