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1. Print armstrong number in the the given range 1 to n?

```c
#include<stdio.h>

int main()
{
        int i,j,n;

        printf("Enter the limit: ");
        scanf("%d",&n);

        for(i=2; i<=n;i++)
        {
                int status=1;

                for(j=2; j*j<=i;j++)
                {
                        if(i%j==0){
                                int status=0;
                                break;
                        }
                }
                if(status){
                        printf("%d \n",i);
            }
        }
        printf("\n");
        return 0;

}
```

2. Print prime number in the given range 1 to n?

```c
#include<stdio.h>

int main()
{
        int i,j,n,sum;

        printf("Enter the limit: ");
        scanf("%d",&n);


        for(i=1;i<=n;i++)
        {
```

```c
                sum=0;

                for(j=1;j<i;j++)
                {
                        if(i%j==0)
                  {
                                sum=sum+j;
                        }
                }
                if(i==sum)
                {
                        printf("%d, ",i);
                }
        }
        printf("\n");
        return 0;
}
```

5. Print fibonacci series?(optional)

```c
#include<stdio.h>

int main()
{
        int n1=0, n2=1, n3, number,i;

        printf("Enter the number: ");
        scanf("%d",&number);

        for(i=2;i<number;i++)
        {
                n1=n2;
                n2=n3;
                n3=n1+n2;
                printf("%d, ",n3);
        }
        return 0;

}
```