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Div: A

4. Write a program to print

1. First 10 natural numbers
2. First 10 even numbers in reverse order
3. Table of a number accepted from user
4. First 10 prime numbers

Code:

```
#First 10 natural numbers
```

```
print("First 10 natural numbers")
```

```
for i in range(1, 11):
```

```
    print(i)
```

```
#First 10 even num in reverse
```

```
print("First 10 even numbers in reverse")
```

```
for i in range(10,0,-1):
```

```
    if(i%2==0):
```

```
        print(i)
```

```
#Table of num accepted from user
```

```
num = int(input("Enter the number:"))
```

```
for i in range(1,11):
```

```
    print(num,"x",i,"=",num*i)
```

```
#First 10 prime numbers
```

```
print("First 10 prime numbers")
```

```
r=30
```

```
for a in range(2,r+1):
```

```
    k=0
```

```
    for i in range(2,a//2+1):
```

```
        if(a%i==0):
```

```
            k=k+1
```

```
    if(k==0):
```

```
        print(a)
```

Output:

First 10 natural numbers

1 2 3 4 5 6 7 8 9 10

First 10 even numbers in reverse

10 8 6 4 2

Enter the number: 3

3 x 1 = 3

$$3 \times 2 = 6$$

$$3 \times 3 = 9$$

$$3 \times 4 = 12$$

$$3 \times 5 = 15$$

$$3 \times 6 = 18$$

$$3 \times 7 = 21$$

$$3 \times 8 = 24$$

$$3 \times 9 = 27$$

$$3 \times 10 = 30$$

First 10 prime numbers

2 3 5 7 11 13 17 19 23 29