1) Write a python program that takes two numbers as the input such as X and Y and print the result of X^Y(X to the power of Y).

```
Ans :

x=10
y=20
print(x^y)

output : 30
```

2) Write a Python program to print the numbers in the list which are divisible by 3.

Ans :

l= [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

for i in l:

if i % 3 == 0:

print(i, "is divisible by 3")

if i % 5 == 0:

print(i, "is divisible by 5")

output :

3 is divisible by 3

5 is divisible by 5

6 is divisible by 3

9 is divisible by 3

10 is divisible by 5