$$5! = 5 \times 4 \times 3 \times 2 \times 1$$

$$= 120$$

$$8ale cale condition$$

$$0! or 1! = 1$$

```
factorial Num (int m) of
                          if(\omega = = 0 \text{ or } \omega = = 1) \propto
                                  roeturn 1; 2 Recursive
                            int relult = m x factorial
PSuedocode
                                                   Num(n-1);
                            vetum relut;
            120
      factorial Num (5)
                   Secult = 5 x factorial Num (4)
                                                 6 = 24
                                         4 X factorial Num(3)
               Terrinahug
                                     3 \times factorialNum(2)
                    Base
                         condition 2x factorial Num(1)
                                               1
```

Recursive code

() Simple to understand

2) Simple to code