```
Recorsion: - o factorial.
#include liostream?
using name space std;
                  int factorial (int norm).
             -7 Base randition.
                       if (n=0)
return 1;
                       else
return nx factorial (n-1);
 70 fibonacci Series.
# include ciostream?
using name space stal;
                          int fibonacci (int n)
              -> Base condition.
  if (n < = 1)
return n;
              return fibonacci (n-1) + fibonacci (n-2);
```

-> 3 Sum of digits # include ciostream? using name space std; int sumofaligits (intn) 2 if (n==0) else (n/10) + sum of digits (n/10); -> 9 Calculate 29. double power (double x, double y) and it is the state of the stat if (q = = 0) return 1; else if (y70) reform x* power (x, y-1); return 1/power (x,-y)

int start, intend) bool is palindrame (str if (start) = end) else if (str[start]] = str[end]) return is palindrame (str, start+1, end-1); ¿ veturn false!

```
75) Reverse a string.
# include ziostream?
# include <string>
using name space std;
void reversed string (string & str , int start, int end)

if (strart = end)
   if (strart >= end)
                              return;
  swap (str [start], [end]);
reverse string (str, start +1, end-1)?
 intmoun()
   string st.
    cout ce "Enter astring" ecend;
gettine (str);
                                       7 handle Noll;
       reverse string (str. 0, str. length -1)
      contièreverse string: "str;
```