**INSERTION IN THE END OF THE LIST**

#include<iostream.h>

#include<process.h>

#include<stdlib.h>

struct node { int info;

node \* next;

} \*start,\*newptr,\*save,\*ptr,\*rear;

node \* create\_new\_node(int);

void insert\_end(node \*);

void display(node \*);

int main(){

start=rear=NULL;

int inf; char ch='y';

while(ch=='y'||ch=='Y')

{

cout<<"\nEnter information for the new node :\t";

cin>>inf;

cout<<"\nCreating new node!!";

newptr=create\_new\_node(inf);

if(newptr!=NULL)

{

cout<<"\n\nNew node created successfully...!!!\n";

}

else

{

cout<<"\nCannot create new node";

exit(1);

}

cout<<"\nNow inserting this node in the end of the list...!!!\n";

insert\_end(newptr);

cout<<"\nNow the list is : ";

display(start);

cout<<"\nPress Y to enter more nodes..!! \n N to exit\n";

cin>>ch;

}

return 0;

}

node \* create\_new\_node(int n)

{

ptr=new node;

ptr->info=n;

ptr->next=NULL;

return ptr;

}

void insert\_end(node \* np)

{ if (start==NULL)

start=rear=np;

else

{

rear->next=np;

rear=np;

}

}

void display(node \* np)

{

while(np!=NULL)

{

cout<<np->info<<" -> ";

np=np->next;

}

cout<<"!!!\n";

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

