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1. Start.
2. Assign 3 values to character, 4 values to integer and 3 values to string.
3. Initialize choose,ans,sagot to character, to integer si=0, count =0,I,pos and last for string arr[500],todo\_insert,del.
4. Output choose what to do.
5. A for create todo list, B for add an activity, C for delete to do list and lastly finalize you to do list.
6. User input.
7. If user input A, go to step 7, else go to step 5.
8. Enter the amount of list, if user enter a non-integer value system stop else go to step 8.
9. Display your todo list.
10. Add an activity on your todo list[A] or Delete to do list?[B]? if user input A go to step 10 else if user input B Go to step 13 else try input again until the user input either A or B.
11. Insert to do list.
12. At which position?
13. Finalize your to do list and display it.
14. Please type your to do list you want to delete. If user type the correct to do list that they want to delete go to step 12 else try again.
15. End.

START

Input the amount of todo list

A

A

Output Choose what to do

Initialize char choose,ans,sagot;

Int si=0, count = 0, I ,pos;

String arr[500],todo\_insert,del;

If user enter A else

User input Choose what to do

int main()

{

int i, g;

int a = 1, b;

int e = 1, u;

int y, z;

menu:

cout << "Activity Compilation:" << endl;

cout << "\n";

cout << "[1] WHILE LOOP" << endl;

cout << "[2] DO WHILE LOOP" << endl;

cout << "[3] FOR LOOP" << endl;

cin >> i;

cout << "\n";

switch (i)

{

case 1:

// pattern 1;

cout << "Enter number: ";

cin >> b;

while (a<=b)

{

cout << a << " ";

a++;

}

cout << endl;

while (b>=1)

{

cout << b << " ";

b--;

}

cout << endl;

cout << "[1] Menu" << endl;

cout << "[2] Exit" << endl;

cin >> g;

switch (g)

{

case 1:

goto menu;

break;

case 2:

return 0;

break;

}

break;

case 2:

// pattern 2;

cout << "Please Enter Number: ";

cin >> u;

do

{

cout<<e<<" ";

e++;

}

while (e <= u);

cout << endl;

do

{

cout << u << " ";

u--;

}

while (u>=1);

cout << endl;

cout << "[1] Menu" << endl;

cout << "[2] Exit" << endl;

cin >> g;

switch (g)

{

case 1:

goto menu;

break;

case 2:

return 0;

break;

}

break;

case 3:

// pattern 3

cout << "Enter Number: ";

cin >> y;

for(z=1; z<=y; z++)

{

cout<< z << " ";

}

for (y=1; z<=y; y++)

{

cout << y << " ";

}

cout << endl;

cout << "[1] Menu" << endl;

cout << "[2] Exit" << endl;

cin >> g;

switch (g)

{

case 1:

goto menu;

break;

case 2:

return 0;

break;

}

break;

}

return 0;

} A,B,C

B

B

C

If user enter an integer value else go back

G

Input your todo list that you want to delete.

Else If user enter B or b else go back

D

E

Now input the to do list you want.

If user enter

If user enter 1 else

Choose 1 to delete and insert or choose 2 to finalize it

D

Display your to do list

C

H

H

End

G

If the input list on the list delete. Else try again.

Display your final to do list.

F

E

At which position?

F

If position == -1

Display your final to do list.