Q#2(for loop)

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CCT-189_OP2(by for loop)c ×

C1 > Users > Supreme_trader > Deatity > PF_FALL2025 > FF_FALL2025 > CODE IN PLACE > CIP_Assignments > WEEK 8 TASKS > C CT-189_QP2(by for loop).c > ③ main()

1  #include<stdio.h>
2  int main(){
3  int n;
4  printf("enter a number : ");
5  scanf("%d",&n);
6  int product=1;
7  for(int i=1;i<=n;i++){
8  product=product*i;
9  }
10  printf("The factorial of %d is : %d\n",n,product);
11 }

PROBLEMS OUTPUT DEBUGGONSOLE TERMENAL PORTS

enter a number : 5
The factorial of % is : 120
PS C: VUSCETA TASKET ON THE PLACE OF THE PLA
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Q#1(nested for loop) pattern 1

Q#1(nested for loop) pattern 2

Q#4(nested for loop)

Q#2(while loop)

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C > Users > supreme_trader \ Desktop > PF_FALL2025 > PF_FALL2025 > CODE IN PLACE > CIP_Assignments > WEEK 8 TASKS > C CT.189_Q#2(while loop).c > @ main()  

#include<stdio.h>

int main() {

int n;

int reverse=0;

printf("Enter a number :");

scanf("%d", %n);

while(n>0) {

reverse=(n%10) + reverse;

reverse=reverse*10;

n=n/10;

}

reverse=reverse/10;

printf("%d", reverse);

}

PROBLEMS OUTHUT DEBUG CONSOLE TERMANL PORTS

Enter a number :1234

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Q#2(nested while loop)

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c:>Users>supreme_trader>Desktop>PF_FALL2U29
1 #include<stdio.h>
              int main(){
   int i=1;
   int j;
   while(i<=5){
      printf("Table of %d:\n",i);
}</pre>
                    j=1;
j=1;
while(j<=10){
    printf("%d*%d=%d\n",i,j,i*j);
    j++;</pre>
                      printf("\n");
i++;
```

```
int main(){
   int i=1;
   int j;
   while(i<=5){
      printf("Table of %d:\n",i);
}</pre>
     j=1;
while
      while(j<=10){
    printf("%d*%d=%d\n",i,j,i*j);</pre>
              j++;
     printf("\n");
       i++;
OUTPUT DEBUG CONSOLE TERMINAL PORTS
```

Q#2(do while loop)

```
C CT-169_Q*2/do while loop); X
C > Users > supreme_trader > Desktop > PF_FALL2025 > CODE IN PLACE > CIP_Assignments > WEEK 8 TASKS > C CT-169_Q*2/do while loop); > @ main() {
    #inct Ludec stdio.h>
    int main() {
    int sum=0;
    int n;
    int digit;
    printf("Enter a number: ");
    scanf("%d",&n);
    doo{
        do digit=n%10;
        sum = sum + digit;
        n = n / 10;
    } while (n > 0);

    printf("Sum of digits = %d\n", sum);

PROBLEMS OUTPUT DEBUG COMSCUE TERMINAL PORTS

Enter a number: AS3

PROBLEMS OUTPUT DEBUG COMSCUE TERMINAL PORTS

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Enter a number: AS3

PROBLEMS OUTPUT DEBUG COMSCUE TERMINAL PORTS

Enter a number: AS3

PS CT-MERT > Suprement - Table > CT-169_Q*2/do while loop); > @ main()

The printf("Sum of digits = %d\n", sum);

PROBLEMS OUTPUT DEBUG COMSCUE TERMINAL PORTS

Enter a number: AS3

PS CT-169_Q*2/do while loop); > @ main()

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PROBLEMS OUTPUT DEBUG COMSCUE TERMINAL PORTS

Enter a number : AS3

PS CT-169_Q*2/do while loop); > @ main()

PS CT-169_Q*2/do while loop); > @
```