LinkCode Day04

23/04/2022

//Do loop

#include <stdio.h>

#include <stdlib.h>

int main() {

int i;

i=1;

while (i<=10)

{

printf("\n%d",i);

i++;

}

return 0;

}

//Do while

#include <stdio.h>

#include <stdlib.h>

int main() {

int i;

i=1;

do

{

printf("%d",i);

i++;

}while(i<=10);

return 0;

}

//Area of geo metric shapes using do while loop

#include <stdio.h>

#include <stdlib.h>

int main() {

int ch;

float r,b,h,l,w,ca,ta,ra;

do{

printf("\n1-Area of Circle\n-Area of Triangle\n3-Area of rectangle");

printf("\n Enter your choice");

scanf("%d",&ch);

if(ch==1)

{

printf("\nEnter radius of circle\n");

scanf("%f",&r);

ca=(float)3.14\*r\*r;

printf("\nArea of circle is = %f",ca);

}

else if(ch==2)

{

printf("\nEnter height and base of triangle\n");

scanf("%f%f",&h,&b);

ta=(float)b\*h/2;

printf("\nArea of triangle is %f",ta);

}

else if(ch==3)

{

printf("\nEnter length and wideth of rectangle\n");

scanf("%f%f",&l,&w);

ra=(float)l\*w;

printf("\nArea of reactangle is %f",ra);

}

printf("\nDo you wish to continue %d",ch);

scanf("%d",&ch);

}while(ch==1);

printf("\n------------THANK YOU-------------------");

return 0;

}

//palindrome

#include <stdio.h>

#include <stdlib.h>

int main() {

int n,r,rev;

printf("\n Enter any number\n");

scanf("%d",&n);

do

{

r=n%10;

rev=rev\*10+r;

n=(float)n/10;

}while(n!=0);

printf("rev is :%d",rev);

return 0;

}