11/10/2021

1.

```
//wap to check polindrome
//void checkpolindroe (int num)
#include<stdio.h>
void checkpolindrome(int num)
{
int i,sum=0,rem,temp;
temp=num;
for( ; num>0 ;num=num/10)
{
rem=num%10;
sum=sum*10+rem;


}
if(temp==sum)
{
printf("Number is polindrome");
}
else
{
printf("Number is not polindrome");
}
```

```
}
void main()
{
checkpolindrome(51);
}
```

2.

```
#include<stdio.h>
int checkPalindrome(int number)
{
  int temp, remainder, rev=0;
  temp = number;
  for( ; number>0 ; number=number/10)
  {
        remainder = number % 10;
     rev = rev*10 + remainder;
     number /= 10;
  }
  if ( rev == temp ) return 0;
  else
  return 1;
}
```

```
int main()
{
	int a;
	printf("Enter the number :");
	scanf("%d",&a);
	if(checkPalindrome(a)==0)
	{
		printf("not polindrome");
	}
	else
	{
		printf("polindrome");
	}
}
```

3.

```
//wap to convert rupee to paisa
//Void convert()
#include<stdio.h>
void convert()
{
```

```
        int rupee,paisa;
        printf("Enter the rupee:");
        scanf("%d",&rupee);
        paisa=rupee*100;
        printf("paisa is =%d",paisa);
}
void main()
{
        convert();
}
```

4.

```
//wap to convert rupee to paisa
//Int convert()
#include<stdio.h>
int convert()
{
        int rupee,paisa;
        printf("Enter the rupee: ");
        scanf("%d",&rupee);
        paisa=rupee*100;
```

```
        return paisa;
}
void main()
{
        printf("paisa is= %d",convert());
}
```

5.

```
//wap to convert rupee to paisa
//Int convert(float rupee)
#include<stdio.h>
int convert(float rupee)
{
        int paisa;
        paisa=rupee*100;
        return paisa;
}
void main()
{
        printf("paisa is %d",convert(5.5));
}
```

6.

```
////NCR =factorial of n/(factorial of r * factorial of (n-r))
#include<stdio.h>
int getfact(int num)
{
	int fact=1,i;
	for(i=1;i<=num;i++)
	{
		fact=fact*i;
	}
	return fact;
}
void main()
{
	int n,r,ncr,factn,factr,factnr;
	printf("enter value of n & r to calculate ncr :");
	scanf("%d%d",&n,&r);
	factn=getfact(n);
	factr=getfact(r);
	factnr=getfact(n-r);
```

```
    ncr=factn/(factr*factnr);
    printf("%d",ncr);
}
```

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7.

```
/*wap with a udf to find factorial of a number
(with argument , without argument)*/
#include<stdio.h>
void getfact(int num)
{
    int i,mul=1;
    for(i=1;i<=num;i++)
    {
        mul=mul*i;
    }
    printf("factorial= %d",mul);
}
```

```
void main()
{
	int a;
	printf("Enter a number to find factorial");
	scanf("%d",&a);
	getfact(a);
}
```

8.

```
/*wap with a udf to find factorial of a number
(with argument , without argument)*/
#include<stdio.h>
void getfact()
{
	int i,mul=1,num;
	printf("Enter the number to print");
	scanf("%d",&num);
	for(i=1;i<=num;i++)
	{
		mul=mul*i;
	}
```

```
        printf("factorial= %d",mul);
}
void main()
{

        getfact();
}
```

9.

```
//wap to find greatest number within two number by using
udf
#include<stdio.h>
void greater()
{
        int n1,n2;
        printf("Enter the number : ");
        scanf("%d%d",&n1,&n2);
        if(n1>n2)
        {
                printf("%d greatest number",n1);
        }
```

```
    if(n2>n1)
    {
        printf("%d greatest number ",n2);
    }

}
void main()
{
    greater();
}
```

10.

```
////wap to find greatest number within two number by using udf
#include<stdio.h>
void greater(int n1,int n2)
{
    if(n1>n2)
    {
        printf("%d greatest number",n1);
```

```
        }
        if(n2>n1)
        {
                printf("%d greatest number ",n2);
        }

}
void main()
{
        int a,b;
        printf("Enter the number:");
        scanf("%d%d",&a,&b);
        greater(a,b);
}
```

11.

```
//wap to print qube of a number by using udf
//void cube()
//void cube()
#include<stdio.h>
void cube()
```

```
{
        int n1,n2,n3;
        printf("Enter 3 number :");
        scanf("%d%d%d",&n1,&n2,&n3);
        printf("Cube is = %d",n1*n2*n3);
}
void main()
{
        cube();
}
```

13.

```
//wap to print qube of a number by using udf
//void cube()
//void cube()
#include<stdio.h>
void cube(int n1,int n2,int n3)
{
        printf("Cube is = %d",n1*n2*n3);
}
void main()
```

```
{
        int n1,n2,n3;
        printf("enter the number :");
        scanf("%d%d%d",&n1,&n2,&n3);
        cube(n1,n2,n3);
}
```

14.

```
//WAP to count all even number within a series
//Void series()
//Void series(int start , int end)
#include<stdio.h>
void series()
{
        int i,a[5],count=0;
        for(i=0;i<4;i++)
        {
                scanf("%d",&a[i]);
        }
        for(i=0;i<4;i++)
        {
```

```
            if(a[i]%2==0)
            count++;
        }
        printf("count of even is =%d",count);
}
void main()
{
        series();
}
```