

TASK NO 1 :

```
#include<stdio.h>
int main()
{
    int marks ;
    printf("enter the marks ");
    scanf("%d",&marks);
    if(marks >= 90 && marks <= 100 )
    {
        printf("A _ GRADE ");
    }
    else if(marks >= 80 && marks <= 89 )
    {
        printf("B _ GRADE ");
    }
    else if(marks >= 70 && marks <= 79 )
    {
        printf("C _ GRADE ");
    }
    else if(marks >= 60 && marks <= 69 )
    {
        printf("D _ GRADE ");
    }
    else if (marks > 100)
    {
        printf("soory total marks are 100 ");
    }
    else
    {
        printf("FAIL ");
    }
}
```

```
enter the marks 60
D _ GRADE
```

```
enter the marks 120
soory total marks are 100
-----
```

TASK NO : 2

```
#include<stdio.h>
int main()
{
    int n ;
    printf("enter the value of n ");
    scanf("%d",&n);
    switch(n)
    {
        if(n>=1 && n<= 20)
        {
            if (n=1)
            {
                case 1:
                printf("1 for one ", n);
                break ;
            }
            else if (n=2)
            {
                case 2:
                printf("2 for two ",n);
                break;
            }
            else if (n=3)
            {
                case 3:
                printf("3 for three ",n);
                break;
            }
            else if (n=4)
            {
                case 4:
                printf("4 for four ",n);
                break;
            }
            else if (n=5)
            {
                case 5:
                printf("5 for five ",n);
                break;
            }
            else if (n=6)
            {
                case 6:
                printf("6 for six ",n);
                break;
            }
            else if (n=7)
            {
                case 7:
                printf("7 for seven ",n);
                break;
            }
        }
    }
}
```



```
enter the value of n 15
15 for fifteen
```

TASK NO : 5

```
#include<stdio.h>
int main ()
{
    int hours ;
    printf("enter the hours ");
    scanf("%d",&hours);
    if(hours >= 6 && hours <12)
    {
        printf("GOOD MORNING ");
    }
    else if (hours >= 12 && hours < 18)
    {
        printf("GOOD AFTERNOON ");
    }
    else if (hours >= 18 && hours < 24)
    {
        printf("GOOD EVENING ");
    }
    else if (hours >= 0 && hours < 6)
    {
        printf("GOOD NIGHT ");
    }
    else
    {
        printf("soory invalid output");
    }
}
```

```
enter the hours 12
GOOD AFTERNOON
```

```
enter the hours 25
soory invalid output
```

TASK NO : 6

```
#include<stdio.h>
int main()
{
    int a , b ;
    printf("enter the value of A : ");
    scanf("%d",&a);
    printf("enter the value of B : ");
    scanf("%d",&b);
    if ( a > b )
    {
        if ( a > 100 )
        {
            printf("first number is significantly larger \n");
        }
        else
        {
            printf("second number is larger \n");
        }
    }
    else if ( a < b )
    {
        if ( a < 0 )
        {
            printf("first number is negative and smallest \n");
        }
        else
        {
            printf("first number is smaller \n");
        }
    }
    else
    {
        printf(" both numbers are equal ");
    }
    return 0 ;
}
```

```
enter the value of A : 23
enter the value of B : 23
both numbers are equal
-----
```

```
enter the value of A : -3
enter the value of B : 2
first number is negative and smallest
-----
```

```
#include<stdio.h>

int main()
{
    int marks ;

    printf("enter the marks ");

    scanf("%d",&marks);

    if(marks >= 90 && marks <= 100 )
    {

        printf("A _ GRADE ");

    }

    else if(marks >= 80 && marks <= 89 )
    {

        printf("B _ GRADE ");

    }

    else if(marks >= 70 && marks <= 79 )
    {

        printf("C _ GRADE ");

    }

    else if(marks >= 60 && marks <= 69 )
    {

        printf("D _ GRADE ");

    }

    else if (marks > 100)

    {
```

```
        printf("soory total marks are 100 ");  
    }  
    else  
    {  
        printf("FAIL ");  
    }  
}
```


TASK NO : 2

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int n ;
```

```
    printf("enter the value of n ");
```

```
    scanf("%d",&n);
```

```
    switch(n)
```

```
    {
```

```
        if(n>=1 && n<= 20)
```

```
        {
```

```
            if (n=1)
```

```
            {
```

```
                case 1:
```

```
                    printf("1 for one " , n);
```

```
                    break ;
```

```
            }
```

```
            else if (n=2)
```

```
            {
```

```
                case 2:
```

```
                    printf("2 for two ",n);
```

```
                    break;
```

```
            }
```

```
else if (n=3)
{

case 3:

printf("3 for three ",n);

break;

}

else if (n=4)
{

case 4:

printf("4 for four ",n);

break;

}

else if (n=5)
{

case 5:

printf("5 for five ",n);

break;

}

else if (n=6)
{

case 6:

printf("6 for six ",n);

break;

}
```

```
        else if (n=7)
        {
            case 7:
printf("7 for seven ",n);
break;
        }

        else if (n=8)
        {
            case 8:
printf("8 for eight ",n);
break;
        }

        else if (n=9)
        {
            case 9:
printf("9 for nine ",n);
break;
        }

        else if (n=10)
        {
            case 10:
printf("10 for ten ",n);
break;
        }

        else if (n=11)
```

```
{  
    case 11:  
        printf("11 for eleven ",n);  
        break;  
}  
    else if (n=12)  
{  
        case 12:  
            printf("12 for tweleve ",n);  
            break;  
}  
    else if (n=13)  
{  
        case 13:  
            printf("13 for thrteen ",n);  
            break;  
}  
    else if (n=14)  
{  
        case 14:  
            printf("14 for fourteen ",n);  
            break;  
}  
    else if (n=15)  
{
```

```
        case 15:
printf("15 for fifteen ",n);
break;
}

        else if (n=16)
{
        case 16:
printf("16 for sixteen ",n);
break;
}

        else if (n=17)
{
        case 17:
printf("17 for seventten ",n);
break;
}

        else if (n=18)
{
        case 18:
printf("18 for eighteen ",n);
break;
}

        else if (n=19)
{
case 19:
```

```
printf("19 for nighnteen ",n);
```

```
break;
```

```
}
```

```
    else if (n=20)
```

```
{
```

```
case 20:
```

```
printf("20 for twenty ",n);
```

```
break;
```

```
}
```

```
default :
```

```
    printf("number is greater than 20 ");
```

```
}
```

```
}
```

```
}
```

TASK NO : 5

```
#include<stdio.h>
```

```
int main ()
```

```
{
```

```
    int hours ;
```

```
    printf("enter the hours ");
```

```
    scanf("%d",&hours);
```

```
    if(hours >= 6 && hours <12)
```

```
    {
```

```
        printf("GOOD MORNING ");
```

```
    }
```

```
    else if (hours >= 12 && hours < 18)
```

```
    {
```

```
        printf("GOOD AFTERNOON ");
```

```
    }
```

```
    else if (hours >= 18 && hours < 24)
```

```
    {
```

```
        printf("GOOD EVENING ");
```

```
    }
```

```
    else if (hours >=0 && hours < 6)
```

```
    {
```

```
        printf("GOOD NIGHT ");
```

```
    }
```

```
    else
```

```
    {
```

```
printf("soory invalid output");
```

```
}
```

```
}
```


TASK NO : 6

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int a , b ;
```

```
    printf("enter the value of A : ");
```

```
    scanf("%d",&a);
```

```
    printf("enter the value of B : ");
```

```
    scanf("%d",&b);
```

```
    if ( a > b )
```

```
    {
```

```
        if ( a > 100 )
```

```
        {
```

```
            printf("first number is significantly larger \n");
```

```
        }
```

```
    else
```

```
    {
```

```
        printf("second number is larger \n");
```

```
    }
```

```
    }
```

```
    else if (a < b )
```

```
    {
```

```
        if ( a < 0)
```

```
        {
```

```
            printf("first number is negative and smallest \n");
```

```
        }  
        else  
        {  
            printf("first number is smaller \n");  
        }  
    }  
    else  
    {  
        printf(" both numbers are equal ");  
    }  
  
    return 0 ;  
}  
  
(THE END )
```


