

Presentation  
Of  
C Language  
Prepared  
By  
M.SAQIB NOOR

---

## **If & ELSE:**

- When range and logic both given.
- If only two condition given then we use if and else.
- If multiple condition given then we use if, else if and else.

## **6<sup>th</sup> Application:**

```
#include<stdio.h>
main () {

    int eng , isl , math , comp , phy , obt , tot = 500 , per ;

    printf("\n enter english number : ");
    scanf("%d" , &eng);

    printf("\n enter islamiat number : ");
    scanf("%d" , &isl);

    printf("\n enter math number : ");
    scanf("%d" , &math);

    printf("\n enter computer number : ");
    scanf("%d" , &comp);

    printf("\n enter physics number : ");
```

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

obt = eng + isl + math + comp + phy;
per = obt * 100 / 500;

printf ("\n english marks : %d " , eng);
printf ("\n islamiat marks : %d " , isl);
printf ("\n math marks : %d " , math);
printf ("\n computer marks : %d " , comp);
printf ("\n physics marks : %d " , phy);

printf ("\n obtained marks : %d " , obt);

printf ("\n Percentage : %d%% " , per);

if (per>=80)
{
    printf ("grade A+");
}

else if (per>=70)
{ printf ("Grade A");
}

else if (per>=60)
{ printf ("Grade B");
}

else if (per>=50)
{ printf ("Grade C");
}

else if (per>=40)
```

```
{ printf ("Grade D");  
}
```

```
else  
{ printf ("fail");}
```

```
}
```