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**Conditional Operator**

Ques.1 Write a C program to find maximum number between 2 numbers using conditional operator.

Sol.

#include <stdio.h>

int main()

{

int a,b;

printf("enter numbers \n");

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

a>b?printf("maximum number is %d",a):printf("maximum nmber is %d",b);

return 0;

}

Ques.2 Write a C program to find maximum number between three numbers using conditional operator.

Sol.

#include <stdio.h>

int main()

{

int a,b,c;

printf("enter numbers \n");

scanf("%d%d%d",&a,&b,&c);

a>b&&a>c?printf("maximum number is %d",a):b>c&&b>a?printf("maximum number is %d",b):printf("maximum number is %d",c);

return 0;

}

Ques.3 Write a C program to check whether a number is even or odd using conditional operator.

Sol.

#include <stdio.h>

int main()

{

int a;

printf("enter number \n");

scanf("%d",&a);

a%2==0?printf("%d is even number",a):printf("%d is odd number",a);

return 0;

}

Ques.4 Write a C program to check whether year is leap year or not using conditional operator.

Sol.

#include <stdio.h>

int main()

{

int a;

printf("enter a year \n");

scanf("%d",&a);

a%4==0?printf("this is a leap year"):printf("not a leap year");

return 0;

}

Ques.5 Write a C program to check whether character is alphabet or not using conditional operator.

Sol.

#include <stdio.h>

#include <ctype.h>

int

main ()

{

char a;

printf ("enter a character \n");

scanf ("%c", &a);

isalpha(a)? printf ("this is a character") : printf ("not a character ");

return 0;

}