

Description

The C library function **void isdigit(int c)** checks if the passed character is a decimal digit character.

Decimal digits are(numbers): 0 1 2 3 4 5 6 7 8 9

Declaration

Following is the declaration for isdigit() function.

```
int isdigit(int c);
```

Parameters

c -- This is the character to be checked.

Return Value

This function returns nonzero value if c is a digit, else 0

Example

The following example shows the usage of isdigit() function.

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

int main()
{
    int var1 = 'h';
    int var2 = '2';

    if( isdigit(var1) )
    {
        printf("var1 = |%c| is a digit\n", var1 );
    }
    else
    {
        printf("var1 = |%c| is not a digit\n", var1 );
    }
    if( isdigit(var2) )
    {
        printf("var2 = |%c| is a digit\n", var2 );
    }
    else
    {
        printf("var2 = |%c| is not a digit\n", var2 );
    }
}
```

```
    return(0);  
}
```