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USN IBMES200068

PAGE:
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① Vowel and
char

USN: 068   , CC Series

①
```c
#include <stdio.h>

int main()
{
    char ch;

    printf("Enter a character: ");
    scanf("%c", &ch);

    // condition to check charcter is alphabet or not
    if (((ch >= 'A') && ch <= 'Z')) || (ch >= 'a' && ch <= 'z'))
    {
        // check for vowel or consonant switch(ch)

        case 'A' :    case 'A' :
        case 'E' :    case 'E' :
        case          case 'I' :
                      case 'O' :
                      case 'U' :
                      case 'a' :
                      con 'e' :
                      case 'i' :
                      case 'o' :
                      con 'u' :
```

```c
        printf ("%c is a vowel.\n", ch);
        break;
    default:
        printf ("%c is a consonant.\n", ch);
    }
    else
    { printf ("%c is not a alphabet.\n", ch);
    }
    return 0;
}
```

② /* Month */

```c
#include <stdio.h>
#include <conio.h>
void main()
{
    int month;
    printf (" enter the number of the month\n");
    scanf ("%d", &month);
    switch (month)
    {
        case 1
            printf ("Jonuary\n");
            break;
        case 2
            printf ("February\n");
            break;
```

```c
case 3:
    printf ( "March\n" );
    break;
case 4:
    printf ( "April\n" );
    break;
case 5:
    printf ( "May\n" );
    break;
case 6:
    printf ( "June\n" );
    break;
case 7:
    printf ( "July\n" );
    break;
case 8:
    printf ( "August\n" );
    break;
case 9:
    printf ("September\n" );
    break;
case 10:
    printf ( "October\n" );
    break;
case 11:
    printf ( "November\n" );
    break;
case 12:
    printf ( "December\n" )
    break;
```

```
default :
printf (" invalid month number \n")

}
    getch ();

}
```

3) /* to convert time */

```
#include <stdio.h>
#include <conio.h>
int minutes ( int hr, int min)
{
        min += ( hr * 60);
        return min ;
}
void main ()
{
    int hr, min;
    printf (" enter time in hours and minutes \n");
    scanf (" %d %d", &hr, &min);
    printf (" the total time in minutes is %d \n", minutes (hr, min);
    getch ();

}
```