

## LAB-3 - PROGRAMS.

1. #include <stdio.h>

void main()

{

char ch;

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

switch(ch)

{

case 'a':

printf("\n '%c' is Vowel", ch);  
break;

case 'A':

printf("\n '%c' is Vowel", ch);  
break;

case 'e':

printf("\n '%c' is Vowel", ch);  
break;

case 'E':

printf("\n '%c' is Vowel", ch);  
break;

case 'i':

printf("\n '%c' is Vowel", ch);  
break;

case 'I':

printf("\n '%c' is Vowel", ch);  
break;

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```

case 'o':
    printf("\n '%c' is Vowel", ch);
    break;
case 'O':
    printf("\n '%c' is Vowel", ch);
    break;
case 'u':
    printf("\n '%c' is Vowel", ch);
    break;
case 'U':
    printf("\n '%c' is Vowel", ch);
    break;
default:
    printf("\n '%c' is Consonant", ch);
    break;

```

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2. #include <stdio.h>

```

int minutes (int x, int y)
{

```

```

    return (60*x) + y;
}

```

```

void main ()
{

```

```

    int x, y, result;

```

```

    printf("\n Enter the number of hours and minutes");
    scanf("%d %d", &x, &y);
    result = minutes(x, y);
    printf("\n Total Number of Minutes = %d", result);
}

```

3 # without 2 stdio.h

```
void main()
```

```
{
```

```
int x;
```

```
printf ("1n January");
```

```
do printf ("1n Input month number");
```

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

```
switch(x)
```

```
{
```

```
case 1:
```

```
printf ("1n January");
```

```
break;
```

```
case 2:
```

```
printf ("1n February");
```

```
break;
```

```
case 3:
```

```
printf ("1n March");
```

```
break;
```

```
case 4:
```

```
printf ("1n April");
```

```
break;
```

```
case 5:
```

```
printf ("1n May");
```

```
break;
```

```
case 6:
```

```
printf ("1n June");
```

```
break;
```

```
case 7:
```

```
printf ("1n July");
```

```
break;
```

case 8:  
printf (" \n August ");  
break;

case 9:  
printf (" \n September ");  
break;

case 10:  
printf (" \n October ");  
break;

case 11:  
printf (" \n November ");  
break;

case 12:  
printf (" \n December ");  
break;

default:

printf (" Invalid Input ");  
break;

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