**Assignment no 7**

1)

#include<stdio.h>

void main()

{

int n;

printf("Month No:-> ");

scanf("%d",&n);

switch(n)

{

case 1:

printf("January\n");

break;

case 2:

printf("February\n");

break;

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\nPlease try again ....\n");

break;

}

getch();

}

2)

#include<stdio.h>

void main()

{

int num1,num2,opt;

printf("Enter the first Integer:\n");

scanf("%d",&num1);

printf("Enter the second Integer:\n");

scanf("%d",&num2);

printf("\n\n\n\nEnter the your option:\n");

printf("1-Addition.\n2-Substraction.\n3-Multiplication.\n4-Division.\n");

scanf("%d",&opt);

switch(opt)

{

case 1:printf("\nAddition of %d and %d is: %d",num1,num2,num1+num2);

break;

case 2:printf("\nSubstraction of %d and %d is: %d",num1,num2,num1-num2);

break;

case 3:printf("\nMultiplication of %d and %d is: %d",num1,num2,num1\*num2);

break;

case 4: printf("\n division of %d and %d is: %d",num1,num2,num1/num2);

break;

//case 5: return 0;

//break;

default:printf("\n Enter correct option\n");

break;

}

getch();

}

4)

#include <stdio.h>

int main()

{

char gender;

printf("Enter gender (M/m or F/f): ");

scanf("%c",&gender);

switch(gender)

{

case 'M':

case 'm':

printf("Male.");

break;

case 'F':

case 'f':

printf("Female.");

break;

default:

printf("Unspecified Gender.");

}

printf("\n");

return 0;

}

5)

#include <stdio.h>

int main()

{

int month;

int days;

printf("Enter month: ");

scanf("%d",&month);

switch(month)

{

case 4:

case 6:

case 9:

case 11:

days=30;

break;

case 1:

case 3:

case 5:

case 7:

case 8:

case 10:

case 12:

days=31;

break;

case 2:

days=28;

break;

default:

days=0;

break;

}

if(days)

printf("Number of days in %d month is: %d\n",month,days);

else

printf("You have entered an invalid month!!!\n");

return 0;

}

6)

#include <stdio.h>

int main()

{

int number;

printf("Enter a number: ");

scanf("%d",&number);

switch(number%2)

{

case 0:

printf("%d is an EVEN number.\n",number);

break;

case 1:

printf("%d is an ODD number.\n",number);

break;

default :

printf("it is not a valid number.\n");

break;

}

return 0;

}