```
Switch (a)

foring ("Monday");

else if (a = = 2)

foring ("Monday");

breake;

case 2:

foring ("Tresday");

breake;

case 2:

foring ("Tresday");

breake;

cleftentt:

foring ("Way inp");
```

WAP to design a mini calculator. Your code should ask the user to input 2 integers. Then it should again ask the user to select an operation amongst addition, subtraction, multiplication and division. Finally acc to the user's choice it should perform the desired operation.

```
#include <stdio.h>
#include <conio.h>
void main()
                                                   case 3:
                                                               printf("Multi is %d",a*b);
 int a,b;
                                                               break;
 int choice;
                                                   case 4:
 clrscr();
                                                               printf("Div is %f",(float)a/b);
 printf("Enter 2 int:");
                                                               break;
 scanf("%d %d",&a,&b);
                                                   default:
 printf("Select an operation:");
                                                                printf("Wrong choice");
 printf("\n1.Add\n2.Subtract\n3.Multiply
                                                    }
 n4.Divide");
                                                   getch();
 printf("\nEnter your choice:");
scanf("%d",&choice);
 switch(choice)
 {
   çase 1:
           printf("Sum is %d",a+b);
           break;
   case 2:
           printf("Subtraction is %d",a-b);
           break;
```

```
#include <stdio.h>
                              Without proof!
#include <conio.h>
void main()
                                                     case 3:
 int a,b;
                                                                 printf("Mulit is %d",a*b);
 int choice;
                                                     case 4:
 clrscr();
                                                                 printf("Div is %f",(float)a/b);
 printf("Enter 2 int:");
 scanf("%d %d",&a,&b);
                                                     default:
 printf("Select an operation:");
                                                                 printf("Wrong choice");
 printf("\n1.Add\n2.Subtract\n3.Multiply
                                                     }
\n4.Divide");
                                                     getch();
 printf("\nEnter your choice:");
 scanf("%d",&choice);
 switch(choice)
    case 1:
           printf("Sum is %d",a+b);
    case 2:
           printf("Subtraction is %d",a-b);
```

```
#include <stdio.h>
                                                        case 'M':
#include <conio.h>
                                                        case 'm':
void main()
                                                                    printf("Mulit is %d",a*b);
                                                                    break;
 int a,b;
                                                        case 'D':
 char choice;
                                                        case 'd':
 clrscr();
                                                                    printf("Div is %f",(float)a/b);
 printf("Enter 2 int:");
                                                                    break;
 scanf("%d %d",&a,&b);
                                                        default:
 printf("Select an operation:");
                                                                    printf("Wrong choice");
 printf("\nA.Add\nS.Subtract\nM.Multiply\nD.Divide");
 printf("\nEnter your choice:");
                                                        getch();
 fflush(stdin);
                                                        }
 scanf("%c",&choice);
 switch(choice)
   case 'A': case 'a':
           printf("Sum is %d",a+b);
           break:
   case 'S': case 's':
           printf("Subtraction is %d",a-b);
           break;
```

## Restrictions On "Swith"

O car 1:

✓ cuse 'A':

X case 1.0:

2 Cur 's':

X cun "Ald":

## Assignment:

Which statement amongst  ${\it if}$  and  ${\it switch}$  is better and why ?