1. #include <stdio.h>

int main()

{

int i=3;

switch(i)

{

case 1:

printf("DO\n");

case 2:

printf("Re\n");

case 3:

printf("Me\n");

default:

printf("Sa Re Ga Ma Pa\n");

}

return 0;

}

Ans:- Me

Sa Re Ga Ma Pa

1. #include <stdio.h>

int main()

{

int i = 0;

switch (i)

{

case '0': printf("Geeks");

break;

case '1': printf("Quiz");

break;

default: printf("GeeksQuiz");

}

return 0;

}

Ans:-GeeksQuiz

1. #include <stdio.h>

int main()

{

int i = 3;

switch (i)

{

case 0+1: printf("Geeks");

break;

case 1+2: printf("Quiz");

break;

default: printf("GeeksQuiz");

}

return 0;

}

Ans:- Quiz

1. #include <stdio.h>

int main()

{

int i=3;

switch(i)

{

case 1:

printf("DO\n");

case 2:

printf("Re\n");

break;

case 3:

printf("Me\n");

continue;

default:

printf("Sa Re Ga Ma Pa\n");

}

return 0;

}

Ans:- Error(continue is not used in switch)

1. #include <stdio.h>

int main()

{

char i=3;

switch(i)

{

case '1':

printf("DO\n");

case '2':

printf("Re\n");

case '3':

printf("Me\n");

default:

printf("Sa Re Ga Ma Pa\n");

}

printf("India");

return 0;

}

Ans:- Sa Re Ga Ma Pa

India

1. #include <stdio.h>

int main()

{

int k=-2,j=4;

switch(k/=j/k)

{

default:

printf("all are same\n");

case 0:

printf("Happy birthday\n");

case 1:

printf("A punch on the mouth\n");

case 2:

printf("A kick in the back\n");

}

return 0;

}

Ans:- A punch on the mouth

A kick in the back

1. #include <stdio.h>

int main()

{

int j,x=0;

for(j=0;j<=5;j++)

{

switch(j-1)

{

case 0:

case -1:

x+=1;

break;

case 1:

case 2:

case 3:

x+=2;

break;

default:

x+=3;

}

printf("x= %d\n",x);

}

return 0;

}

Ans:- x= 1

x= 2

x= 4

x= 6

x= 8

x= 11

1. #include <stdio.h>

int main()

{

int j;

for(j=2;j<=10;j++)

{

switch(j)

{

case 2:

printf("0");

continue;

case 3:

break;

case 4:

case 5:

printf("H");

break;

default:

printf("!\n");

}}

return 0;

}

Ans:- 0HH!

!

!

!

!

1. #include <stdio.h>

int main()

{

char ch='E';

switch(ch)

{

case (ch>=65 &&ch<=90):

printf("Capital letter\n");

break;

case (ch>=97 &&ch<=122):

printf("Small letter\n");

break;

case (ch>=48 &&ch<=57):

printf("Digits\n");

break;

default:

printf("Any other character\n");

}

return 0;

}

Ans:- Error(case label does not reduce to an integer constant)

1. #include <stdio.h>

int main()

{

int i,j;

for(j=1;j<=10;j++)

{

for(i=1;i<=10;i++)

{

if(j<10)

goto there;

}

printf("I am out of home\n");

printf("I am out of city\n");

printf("I am out of india\n");

}

there:

printf(" I love india\n");

return 0;

}

Ans:- I love india

1. #include <stdio.h>

int main()

{

int i;

for(i=1;i<=5;i++)

{

if(i\*i>121)

goto there;

else

printf("%d\n",i);

}

there:

printf(" No more murphy's laws\n");

return 0;

}

Ans:-1

2

3

4

5

No more murphy's laws

1. #include <stdio.h>

int main()

{

int i,j,k;

for(j=1;j<=4;j++)

{

if(j\*j==16)

goto anand;

}

for(i=1;i<=5;i++)

{

k=i\*i;

j=k+2;

anand:

printf("computer\n");

printf("C programming\n");

}

return 0;

}

Ans:-computer

C programming

1. #include <stdio.h>

int main()

{

int i,k=1;

here:

if(k>2)

goto out;

there:

for(i=1;i<=5;i++)

printf("%d\n",i);

k++;

goto here;

out:;

return 0;

}

Ans:-1

2

3

4

5

1

2

3

4

5

1. #include <stdio.h>

int main()

{

int i=1;

switch(i)

{

case 1:

goto label;

label:

case 2:

printf("he looks like a saint...\n");

break;

}

printf("A beautiful bird\n");

return 0;

}

Ans:-he looks like a saint...

A beautiful bird

1. #include<stdio.h>

main()

{

int expr=10;

switch(expr)

printf("This is valid but will not get executed");

}

Ans:- No output

1. #include<stdio.h>

main()

{

int expr=10;

switch(expr);

printf("Tell whether this will get executed or not");

}

Ans: Tell whether this will get executed or not

1. #include<stdio.h>

main()

{

float expr=2.0;

switch(expr)

{

case 1:printf("One");

case 2:printf("Two");

default:printf("default");

}

}

Ans: error: switch quantity not an integer

1. #include<stdio.h>

main()

{

int expr=2,j=1;

switch(expr)

{

case j:

printf("This is case 1");

case 2:

printf("This is case 2");

default:

printf("This is default case");

}

}

Ans: error: case label does not reduce to an integer constant

1. #include<stdio.h>

main()

{

char ch='A';

switch(ch)

{

case 'A':

printf("Case label is A");

case "B":

printf("Case label is B");

}

}

Ans: error: case label”B” does not reduce to an integer constant

1. #include<stdio.h>

main()

{

int expr=1;

switch(expr)

{

case 1:printf("One\n");

case 2:printf("Two\n");

default:printf("Three\n");

}

}

Ans: One

Two

Three

1. #include<stdio.h>

main()

{

int expr=1;

switch(expr)

{

case 1:

printf("One\n");

break;

case 2:

printf("Two\n");

break;

default:

printf("Three\n");

}

}

Ans :One

1. #include<stdio.h>

main()

{

int expr=3;

switch(expr)

{

default:printf("Three\n");

case 1:printf("One\n");

case 2:printf("Two\n");

}

}

ANS: Three

One

Two

1. #include<stdio.h>

main()

{

int expr=2;

switch(expr)

{

case 1:

printf("This is case 1");

case 2-1:

printf("This is case 2");

}

}

Ans: error: duplicate case value

1. #include<stdio.h>

main()

{

int i=1,j=3;

switch(i)

{

case 1:

printf("This is outer case 1\n");

switch(j)

{

case 3:

printf("This is inner case 1\n");

break;

default:

printf("This in inner default case");

}

case 2:

printf("This is outer case 2");

}

}

Ans: This is outer case 1

This is inner case 1

This is outer case 2

1. # include <stdio.h>

int main()

{

int i = 0;

for (i=0; i<20; i++)

{

switch(i)

{

case 0:

i += 5;

case 1:

i += 2;

case 5:

i += 5;

default:

i += 4;

break;

}

printf("%d  ", i);

}

return 0;

}

Ans:- 16 21

1. #include<stdio.h>

void main()

{

char inchar = 'A';

switch (inchar)

{

case 'A' :

printf ("choice A \n") ;

case 'B' :

printf ("choice B \n ") ;

case 'C' :

case 'D' :

case 'E' :

default:

printf ("No Choice") ;

}

}

Ans:- choice A

choice B

No Choice

1. #include <stdio.h>

int main()

{

int i = 3;

switch(i)

{

printf("Outside ");

case 1: printf("Geeks");

break;

case 2: printf("Quiz");

break;

defau1t: printf("GeeksQuiz");

}

return 0;

}

Ans:- No output(default have 1 not L)

1. #include <stdio.h>

int main()

{

char check = 'a';

switch (check)

{

case 'a' || 1: printf("Geeks ");

case 'b' || 2: printf("Quiz ");

break;

default: printf("GeeksQuiz");

}

return 0;

}

Ans:- Compilation Error

1. #include <stdio.h>

int main()

{

int check = 20, arr[] = {10, 20, 30};

switch (check)

{

case arr[0]: printf("Geeks ");

case arr[1]: printf("Quiz ");

case arr[2]: printf("GeeksQuiz");

}

return 0;

}

Ans:- Compilation Error

1. #include<stdio.h>

int main()

{

int a = 5;

switch(a)

{

default:

a = 4;

case 6:

a--;

case 5:

a = a+1;

case 1:

a = a-1;

}

printf("%d\ n", a);

return 0;

}

Ans:- 5

1. #include <stdio.h>

int \*A, stkTop;

int stkFunc (int opcode, int val)

{

static int size=0, stkTop=0;

switch (opcode)

{

case -1:

size = val;

break;

case 0:

if (stkTop< size ) A[stkTop++]=val;

break;

default:

if (stkTop) return A[--stkTop];

}

return -1;

}

int main()

{

int B[20];

A=B;

stkTop = -1;

stkFunc (-1, 10);

stkFunc (0, 5);

stkFunc (0, 10);

printf ("%d\n", stkFunc(1, 0)+ stkFunc(1, 0));

}

Ans:- 15