Programming for problem Solving Assignment-1

Here is a listing of C programming questions on “If-then-else Statements”.

1. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (x < 1)

printf("hello");

if (x == 5)

printf("hi");

else

printf("no");

}

a) hi

b) hello

c) no

d) error

2. What will be the output of the following C code?

#include <stdio.h>

int x;

void main()

{

if (x)

printf("hi");

else

printf("how are u");

}

a) hi

b) how are you

c) compile time error

d) error

3. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (true);

printf("hello");

}

a) It will display hello

b) It will throw an error

c) Nothing will be displayed

d) Compiler dependent

4. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 0;

if (x == 0)

printf("hi");

else

printf("how are u");

printf("hello");

}

a) hi

b) how are you

c) hello

d) hihello

5. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (x < 1);

printf("Hello");

}

a) Nothing

b) Run time error

c) Hello

d) Varies

6. What will be the output of the following C code?

#include <stdio.h>

void main()

{

double ch;

printf("enter a value between 1 to 2:");

scanf("%lf", &ch);

switch (ch)

{

case 1:

printf("1");

break;

case 2:

printf("2");

break;

}

}

a) Compile time error

b) 1

c) 2

d) Varies

7. What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input)

#include <stdio.h>

void main()

{

char \*ch;

printf("enter a value between 1 to 3:");

scanf("%s", ch);

switch (ch)

{

case "1":

printf("1");

break;

case "2":

printf("2");

break;

}

}

a) 1

b) 2

c) Compile time error

d) No Compile time error

8. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int ch;

printf("enter a value between 1 to 2:");

scanf("%d", &ch);

switch (ch)

{

case 1:

printf("1\n");

default:

printf("2\n");

}

}

a) 1

b) 2

c) 1 2

d) Run time error

9. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int ch;

printf("enter a value between 1 to 2:");

scanf("%d", &ch);

switch (ch)

{

case 1:

printf("1\n");

break;

printf("Hi");

default:

printf("2\n");

}

}

a) 1

b) Hi 2

c) Run time error

d) 2

10. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int ch;

printf("enter a value between 1 to 2:");

scanf("%d", &ch);

switch (ch, ch + 1)

{

case 1:

printf("1\n");

break;

case 2:

printf("2");

break;

}

}

a) 1

b) 2

c) 3

d) Run time error