Sheet-3 Solution (Control Statement)

1. #include<stdio.h>

main()

{

int a=10,b=20;

if(a==b)

printf("a=10,b=20");

printf("a and b are not equal");

}

Ans: a and b are not equal

1. #include<stdio.h>

main()

{

int a=10,b=20;

if(a==b)

{

printf("a=10,b=20");

printf("a and b are not equal");

}

}

Ans:- No output

1. #include<stdio.h>

main()

{

int a=10,b=20;

if(a=b)

printf("a and b are equal");

else

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Ans: a and b are equal

1. #include<stdio.h>

main()

{

int a=10,b=20;

if(a==b);

printf("a and b are equal");

else

printf("a and b are not equal");

}

Ans: error

1. #include<stdio.h>

main()

{

int a=10,b=20;

if(a=b)

printf("a and b are equal\n");

else;

printf("a and b are not equal\n");

}

Ans: a and b are equal

a and b are not equal

1. #include <stdio.h>

int main()

{

if(!3)

printf("INDIA");

else

printf("USA.");

return 0;

}

Ans:- USA

1. #include <stdio.h>

int main()

{

int i;

if (printf("2"))

i = 3;

else

i = 5;

printf("%d", i);

return 0;

}

Ans:- 2 3

1. include <stdio.h>

int main()

{

int i=10,j=40;

if((j-i)% 10)

printf("man sees your actions..");

else

printf("god sees your motives..");

return 0;

}

Ans:- god sees your motives..

1. #include<stdio.h>

main()

{

if(printf("Hello"))

printf("Students");

}

Ans:- HelloStudents

1. #include <stdio.h>

int main()

{

int x=100;

if(!!x)

printf("x= %d",!x);

else

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

return 0;

}

Ans:- x= 0

1. #include <stdio.h>

int main()

{

int i=10;

if(i==10)

;

else

printf("hello usa");

return 0;

}

Ans:- no output

1. #include<stdio.h>

main()

{

int a=300,b=10,c=20;

if(!(a>=400))

b=300;

c=200;

printf("b= %d, c= %d",b,c);

}

Ans:- b= 300, c= 200

1. #include<stdio.h>

main()

{

int a=300,b=10,c;

if(!(a>=40))

b=300;

c=200;

printf("b= %d, c= %d",b,c);

}

Ans:- b= 10, c= 200

1. #include <stdio.h>

int main()

{

int a = 10, b = 20, c = 30;

if (c > b > a)

printf("TRUE");

else

printf("FALSE");

return 0;

}

Ans:- FALSE

1. what is the output of this c code?

#include <stdio.h>

int main()

{

int x = 0;

if (x++)

printf("true\n");

else if (x == 1)

printf("false\n");

}

Ans:- false

1. main()

{

int a=20,b=3;

if(a<10)

a=a-5;

b=b+5;

printf(“%d%d”,a,b);

}

Ans:- 20 8

1. main()

{

int i=1,j=9;

if(i>=5 && j<5);

i=j+2;

printf(“%d”,i);

}

Ans;- 11

1. main()

{

int a=0,b=0;

if(!a)

{

b=!a;

if(b)

a=!b;

printf(“%d%d”,a,b);

}

Ans;- 0 1

1. What is the output of this C code?

main()

{

int i=9;

if(i==9)

{

int i=25;

}

printf(“%d”, i);

}

Ans:- 9