**Q1. Write a program to print “Hello World” with double quotes.**

#include <stdio.h>

int main()

{

printf("\"Hello World\"");

return 0;

}

**Q2. Write the output for the following program**

#include<stdio.h>

main()

{

Int a, b;

a=10;

b=++a;

printf(“\n a=%d”, a);

printf(“\n b=%d”,b);

}

*Output:* 11

11

**Q3. Write the output for the following program**

#include<stdio.h>

main()

{

Int a, b;

a=10;

b=a++;

printf(“\n a=%d”, a);

printf(“\n b=%d”,b);

}

*Output:* 11

10

**Q4. Write the Output for the following program**

#include<stdio.h>

main()

{

Int n;

printf(“\n pls enter 9:”);

scanf(“%d”,&n);

if(n==9)

printf(“thank you”);

if(n=9)

printf(“sorry”);

}

*Input:* 8

*Output:* Sorry

*Input:*9

*Output:*

Thank you

Sorry

**Q5. Write a program to find even and odd numbers in a single line**

#include <stdio.h>

int main()

{

int n;

printf("\n Enter a number");

scanf("%d", &n);

printf(n%2==0? "Even": "Odd");

}

**Q6. Write a program to find if a number is positive or negative in a single line**

#include <stdio.h>

int main()

{

int n;

printf("\n Enter a number");

scanf("%d", &n);

printf(n>0 ? "Positive": n==0? "zero" : "Negative");

}

**Q7. Write a program to find the greatest of three numbers in a single line**

#include <stdio.h>

int main()

{

int a, b, c;

printf("\n Enter a number");

scanf("%d", &a);

scanf("%d", &b);

scanf("%d", &c);

printf(a==b&& b==c ?"equal" : a>b && a>c? "a" : b>c? "b" : "c");

}

**Q8. Write the output for the given program.**

#include <stdio.h>

int main()

{

int a = 2.3;

float b = 10;

char c = 65;

printf("a= %d,\n b=%f,\n c=%c",a,b,c);

}

*Output:*

a=2

b=10.0

c=A

**Q9. Write a program to print the ascii chart.**

#include<stdio.h>

main()

{

int i;

for(i=0;i<256;i++,count++)

{

printf(“\n %d \t %c”, i, i);

if(count==20)

{

print(“press any key”);

getch();

count=0;

}}}

**Q10. Write a program using command line arguments.**

#include <stdio.h>

int main(int argc, char\* argv[])

{

int sum = atoi(argv[1])+ atoi(argv[2])+ atoi(argv[3]);

printf("%d",sum);

return 0;

}

*Input:* 5 10 15

*Output*: 30

atoi() - It convert the char array into integers.

**Q11. Write a program to check digit or lowercase or uppercase or not.**

#include <stdio.h>

#include <stdlib.h>

int main()

{

int a;

char c;

printf("enter a character");

scanf("%c”,c);

a = c;

printf(a>=65 && a<=90 ? "Uppercase" : a>=97 && a<=122 ? "Lowercase" : a>=48 && a<=57 ? "Digit" : "Special" );

return 0;

}

**Q12. Write a program to check if a year is leap year or not.**