Q1:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int a,b;

    system("cls");

    printf("enter a number\n");

    scanf("%d",&a);

    if(a>0)

    printf("Positive number");

    else

    printf("non-positive number");

    return 0;

}

Q2:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int a,b;

    system("cls");

    printf("enter a number\n");

    scanf("%d",&a);

    if(a%5==0)

    printf("%d is divisible by 5",a);

    else

    printf("%d is not divisible by 5",a);

    return 0;

}

Q3:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int a,b;

    system("cls");

    printf("enter a number\n");

    scanf("%d",&a);

    if(a%2==0)

    printf("%d is a even number",a);

    else

    printf("%d is a odd number",a);

    return 0;

}

Q4:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int a;

    system("cls");

    printf("enter a number");

    scanf("%d",&a);

    if(a&0==0)

    printf("odd");

    else

    printf("even");

    return 0;

}

Q5:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int a;

    system("cls");

    printf("enter a number\n");

    scanf("%d",&a);

    if(a<=999)

    printf("This is a three digit number");

    else

    printf("This is not a three didgit number");

    return 0;

}

Q6:

#include<stdio.h>

#include<stdlib.h>

int main (){

    int a,b;

    system("cls");

    printf("enter a number\n");

    scanf("%d %d",&a,&b);

    if(a>b)

    printf("%d greater number",a);

    else

    printf("%d greater number",b);

    return 0;

}

Q11:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int a, b, c, d, e, marks;

    system("cls");

    printf("enter the marks\n");

    scanf("%d %d %d %d %d", &a, &b, &c, &d, &e);

    marks = (a + b + c + d + e) / 5;

    printf("marks is %d\n", marks);

    if (marks >= 33)

        printf("passed");

    else

        printf("failed");

    return 0;

}

Q13:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int a;

    system("cls");

    printf("enter a number\n");

    scanf("%d",&a);

    if (a%3==0&&a%2==0)

        printf("divisible by 3 and 2");

    else

        printf("not divisible by 3 and 2");

    return 0;

}

Q14:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int a;

    system("cls");

    printf("enter a number\n");

    scanf("%d",&a);

    if (a%7==0&&a%3==0)

        printf("divisible by 7 and 3");

    else

        printf("not divisible by 7 and 3");

    return 0;

}

Q15:

#include <stdio.h>

#include <stdlib.h>

int main()

{

    int a;

    system("cls");

    printf("enter a number\n");

    scanf("%d", &a);

    if (a > 0)

    {

        if (a < 0)

            printf("Negative\n");

        else

            printf("Positive\n");

    }

    else

    {

        if (a == 0)

            printf("Zero\n");

        else

            printf("Neagtive\n");

    }

    return 0;

}

Q16: