1. WAP to find whether the person can vote or not.
   Code

```c
// WAP to find whether the person can vote or not.
#include <stdio.h>
int main()
{
    int age;
    printf("Enter Your Age: ");
    scanf("%d", &age);
    if (age < 18)
    {
        printf("You're not eligible for vote.");
    }
    else
    {
        printf("You're eligible for vote.");
    }
    return 0;
}
```

Output

```
PROBLEMS    OUTPUT    TERMINAL    CODEWHISPERER REFERENCE LOG    COMMENTS    DEBUG CONSOLE

> ./question1
Enter Your Age: 15
You're not eligible for vote.
> ./question1
Enter Your Age: 23
You're eligible for vote.

~/Documents/BCA/2nd Sem/C/College_Assignment/assignment9
```

2. WAP to find profit or loss of any shopkeeper.
   Code

```c
1   // WAP to find profit or loss of any shopkeeper
2   #include <stdio.h>
3   int main()
4   {
5       int sp, cp;
6       printf("Enter Selling Price and Cost Price: ");
7       scanf("%d%d", &sp, &cp);
8       if (sp > cp)
9       {
10          printf("Profit");
11      }
12      else
13      {
14          printf("Loss");
15      }
16      return 0;
17  }
18
```

Output

PROBLEMS   OUTPUT   TERMINAL   CODEWHISPERER REFERENCE LOG   COMMENTS   DEBUG CONSOLE

```
> ./question2
Enter Selling Price and Cost Price: 23 43
Loss%
> ./question2
Enter Selling Price and Cost Price: 43 22
Profit%
```

~/Documents/BCA/2nd Sem/C/College_Assignment/**assignment9**

3. WAP to check whether a person is a teenagar or not.
   Code

```c
1   // WAP to check whether a person is a teenager or not
2   #include <stdio.h>
3   int main()
4   {
5       int age;
6       printf("Enter Your Age: ");
7       scanf("%d", &age);
8       if (age < 20 && age > 12)
9       {
10          printf("You are teenager.");
11      }
12      else
13      {
14          printf("You are not teenager.");
15      }
16      return 0;
17  }
18
```

Output

```
PROBLEMS    OUTPUT    TERMINAL    CODEWHISPERER REFERENCE LOG    COMMENTS    DEBUG CONSOLE

> ./question3
Enter Your Age: 18
You are teenager.%
> ./question3
Enter Your Age: 2
You are not teenager.%

 ~/Documents/BCA/2nd Sem/C/College_Assignment/assignment9 []
```

4. WAP to add two numbers and check whether their sum exceeds 500 or not and display the message accordingly.
   Code

```
1   /*WAP to add two numbers and check whether their sum exceeds 500 or not
2   and display the message accordingly.*/
3   #include <stdio.h>
4   int main()
5   {
6       int a, b, sum;
7       printf("Enter two numbers: ");
8       scanf("%d%d", &a, &b);
9       sum = a + b;
10      if (sum > 500)
11      {
12          printf("Sum exceeds 500");
13      }
14      else
15      {
16          printf("Sum does not exceed 500");
17      }
18      return 0;
19  }
```

Output

```
PROBLEMS    OUTPUT    TERMINAL    CODEWHISPERER REFERENCE LOG    COMMENTS    DEBUG CONSOLE

> ./question4
Enter two numbers: 24 88
Sum does not exceed 500%
> ./question4
Enter two numbers: 234 320
Sum exceeds 500%

 ~/Documents/BCA/2nd Sem/C/College_Assignment/assignment9 []
```

5. WAP to ask for two numbers and check whether they are the same numbers or not.
   Code

```c
// WAP to ask for two numbers and check whether they are same numbers or not.
#include <stdio.h>
int main()
{
    int a, b;
    printf("Enter two numbers: ");
    scanf("%d %d", &a, &b);
    if (a == b)
    {
        printf("Both are equal");
    }
    else
    {
        printf("Both are not equal");
    }
    return 0;
}
```

Output

PROBLEMS   OUTPUT   TERMINAL   CODEWHISPERER REFERENCE LOG   COMMENTS   DEBUG CONSOLE

```
> ./question5
Enter two numbers: 23 43
Both are not equal%
> ./question5
Enter two numbers: 23 23
Both are equal%

 ~/Documents/BCA/2nd Sem/C/College_Assignment/assignment9 []
```