

Q.1]

```
Enter a number for concatenation: 6
Enter source string: my_name
Enter destination string: is_mawahid
Concatenated String is: is_mawahidmy_name
-----
Process exited after 22.18 seconds with return value 0
Press any key to continue . . .
```

Q.2]

```
char source[5][10] = {"Fast", "fast", "Usman", "mawahid", "annas"};
int find_index(int n)
{
    for (int i = 0; i < n; i++)
    {
        if (strcmp(source[i], "Fast") == 0)
        {
            return i;
        }
    }
    return -1;
}

C:\Users\student\Desktop\task\SyedMawahid_24K-3067_Q.2_pflab09.exe
Enter a word to find in string: Fast
Found
-----
Process exited after 6.776 seconds with return value 0
Press any key to continue . . .
```

```
Enter a word to find in string: khubaib
Not Found
-----
Process exited after 5.351 seconds with return value 0
Press any key to continue . . .
```

Q.3]

```
Enter 5 words to check if they are palindromes:
level
radar
click
bat
madam

Palindromes found:
level
radar
madam
-----
Process exited after 16.85 seconds with return value 0
Press any key to continue . . .
```

Q.4]

```
Enter value 1: 100
Enter value 2: 47
a: 47
b: 100
-----
Process exited after 5.945 seconds with return value 0
Press any key to continue . . .
```

Q.5]

```
Enter number to check if it's prime (to quit enter -1): 98
98 is not a prime number.
Enter number to check if it's prime (to quit enter -1): 52
52 is not a prime number.
Enter number to check if it's prime (to quit enter -1): 23
23 is a prime number.
Enter number to check if it's prime (to quit enter -1): 543
543 is not a prime number.
Enter number to check if it's prime (to quit enter -1): 3
3 is a prime number.
Enter number to check if it's prime (to quit enter -1): 5
5 is a prime number.
Enter number to check if it's prime (to quit enter -1): 1
1 is not a prime number.
Enter number to check if it's prime (to quit enter -1): 25
25 is not a prime number.
Enter number to check if it's prime (to quit enter -1): -1
-----
Process exited after 55.85 seconds with return value 0
Press any key to continue . . .
```