


Rajkumar B L 2047120

Question 01 – Part A

 kumarraj@kumarraj: ~/MCS_172/LabTest1

Enter the command: 4

```
kumarraj@kumarraj:~/MCS_172/LabTest1$ dos2unix *  
dos2unix: converting file 2047120.txt to Unix format...  
dos2unix: converting file myfile.txt to Unix format...  
dos2unix: converting file myoutput.txt to Unix format...  
dos2unix: converting file q1.sh to Unix format...  
dos2unix: converting file q2.c to Unix format...  
kumarraj@kumarraj:~/MCS_172/LabTest1$ bash q1.sh
```

```
===== Menu =====
```

- 1: Palindrome
- 2: Extract Special Char
- 3: Clear
- 4: Exit

```
=====
```

Enter the command: 1

Enter a string to check palindrome:
rajar

String is palindrome

```
===== Menu =====
```

- 1: Palindrome
- 2: Extract Special Char
- 3: Clear
- 4: Exit

```
=====
```

Enter the command: 1

Enter a string to check palindrome:
raj


String is not palindrome

```
kumarraj@kumarraj:~/MCS_172/LabTest1$ 2
```

2: command not found

```
kumarraj@kumarraj:~/MCS_172/LabTest1$
```

Question 01 – Part B

 kumarraj@kumarraj: ~/MCS_172/LabTest1

```
===== Menu =====
```

- 1: Palindrome
- 2: Extract Special Char
- 3: Clear
- 4: Exit

```
=====
```

```
Enter the command: 1
```

```
Enter a string to check palindrome:
```

```
raj
```

```
String is not palindrome
```

```
kumarraj@kumarraj:~/MCS_172/LabTest1$ 2
```

```
2: command not found
```

```
kumarraj@kumarraj:~/MCS_172/LabTest1$ bash q1.sh
```

```
===== Menu =====
```

- 1: Palindrome
- 2: Extract Special Char
- 3: Clear
- 4: Exit

```
=====
```

```
Enter the command: 2
```

```
Enter a file to extract characters and numbers:
```

```
myfile.txt
```

```
Displaying the extracted content:
```

```
ghjgkjhhgkjy iujhk HFJHGKJG VGJV
```


```
===== Menu =====
```

- 1: Palindrome
- 2: Extract Special Char
- 3: Clear
- 4: Exit

```
=====
```

```
Enter the command: 
```

Question 02 – Part A

 kumarraj@kumarraj: ~/MCS_172/LabTest1

kumarraj@kumarraj:~/MCS_172/LabTest1\$ gcc q2.c

kumarraj@kumarraj:~/MCS_172/LabTest1\$./a.out

=====

Menu

=====

1.Create, Read & Write File

2.UnLink

3.Exit

=====

Enter your choice:1

Enter the file name to be created or opened: file1.txt

File Creded or opened succesfully

1. Write a menu based Shell Script to demonstrate the following questions (minimum two questions be completed) using case... esac.

(10 Marks)

a) To check the given string is palindrome or not without using inbuilt function.

b) Write a shell script to extract characters, numeric values from the given file and store it as a separate file. the

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Menu

=====

1.Create, Read & Write File

2.UnLink

3.Exit

=====

Enter your choice:2

Enter the file to be unlinked: a1

File unlinked successfully

=====

Menu

=====

1.Create, Read & Write File

2.UnLink

3.Exit

=====


Enter your choice:3

kumarraj@kumarraj:~/MCS_172/LabTest1\$ ls

2047120.txt a.out file1.txt file2.txt myfile.txt myoutput.txt q1.sh

kumarraj@kumarraj:~/MCS_172/LabTest1\$

Question 02 – Part B

 kumarraj@kumarraj: ~/MCS_172/LabTest1

— □ >

Menu

=====

- 1.Create, Read & Write File
- 2.UnLink
- 3.Exit

=====

Enter your choice:3

kumarraj@kumarraj:~/MCS_172/LabTest1\$ touch a1

kumarraj@kumarraj:~/MCS_172/LabTest1\$ ln a1 linka1

kumarraj@kumarraj:~/MCS_172/LabTest1\$ ls

2047120.txt a.out a1 linka1 myfile.txt myoutput.txt q1.sh q2.c

kumarraj@kumarraj:~/MCS_172/LabTest1\$ gcc q2.c

^[Akumarraj@kumarraj:~/MCS_172/LabTest1\$ gcc q2.c

kumarraj@kumarraj:~/MCS_172/LabTest1\$./a.out

=====

Menu

=====

- 1.Create, Read & Write File
- 2.UnLink
- 3.Exit

=====

Enter your choice:2

Enter the file to be unlinked: linka1

=====

Menu

=====

- 1.Create, Read & Write File
- 2.UnLink
- 3.Exit

=====

Enter your choice:3

kumarraj@kumarraj:~/MCS_172/LabTest1\$ ls

2047120.txt a.out a1 myfile.txt myoutput.txt q1.sh q2.c

kumarraj@kumarraj:~/MCS_172/LabTest1\$