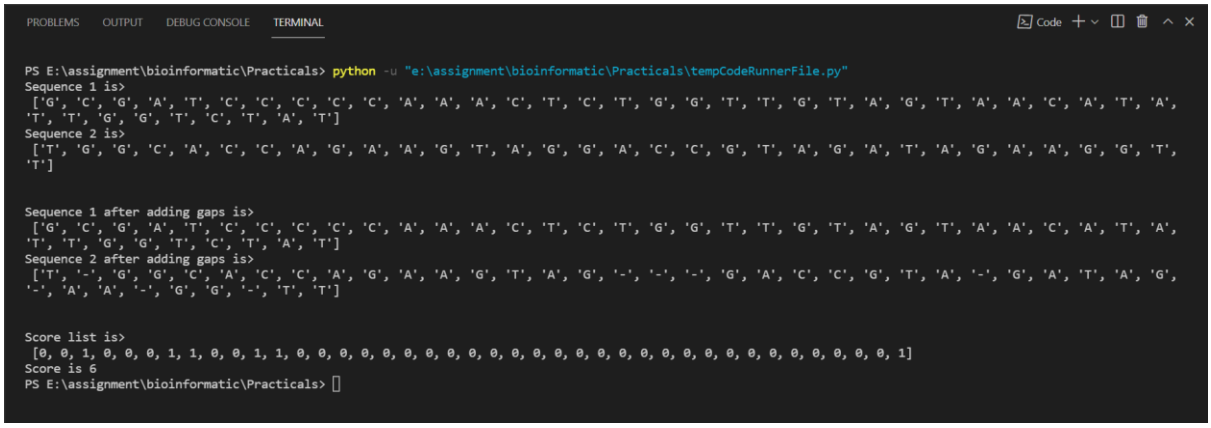
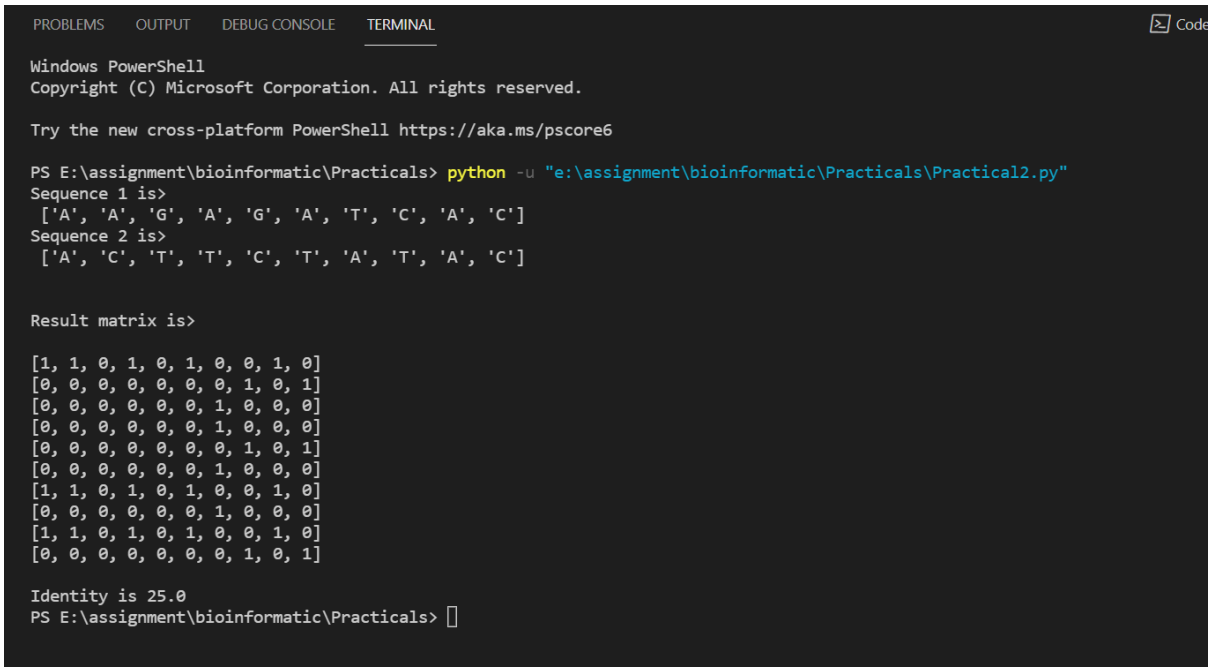
Practical No: 1



Practical No:2



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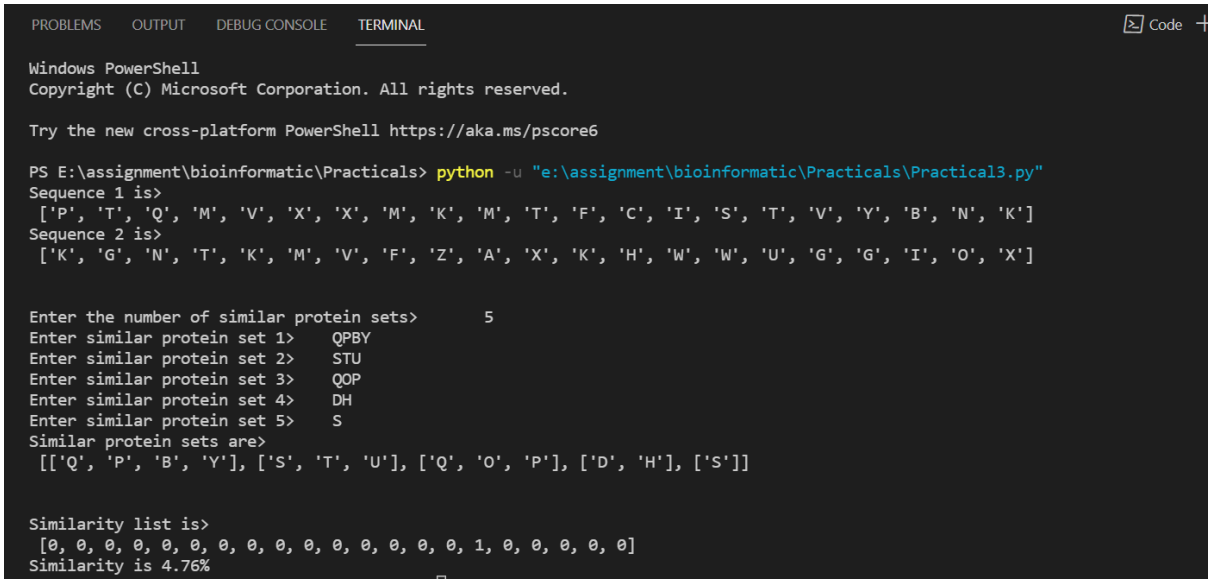
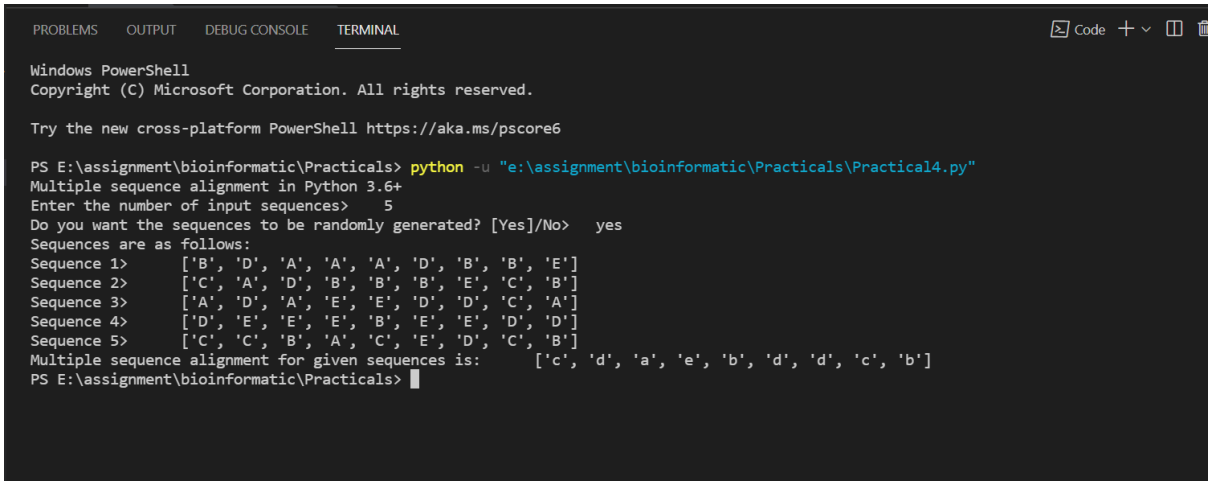


Practical No:4



Practical No:5

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\assignment\bioinformatic\Practicals> python -u "e:\assignment\bioinformatic\Practicals\Practical5.py"
{'A': 40347, 'T': 40672, 'C': 20472, 'G': 21707}
PS E:\assignment\bioinformatic\Practicals>
```

Practical No:6

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\assignment\bioinformatic\Practicals> python -u "e:\assignment\bioinformatic\Practicals\Practical6.py"
Enter a file name >     Variola.txt


Motif generation successful.

Motif length: 4

Motif: ATCC
Enter a file name to be searched >
```

Practical No:7

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\assignment\bioinformatic\Practicals> python -u "e:\assignment\bioinformatic\Practicals\Prcatical7.py"
Use slashes ('/') in file path wherever necessary.

Enter a filename>       Salmonella_Enterica.txt

BLAST search successful.
Test results:
File name:       Salmonella_Enterica.txt
Genome length:   741720
Nucleotide count:
A : 170935
C : 187657
G : 207468
T : 175660
PS E:\assignment\bioinformatic\Practicals>
```
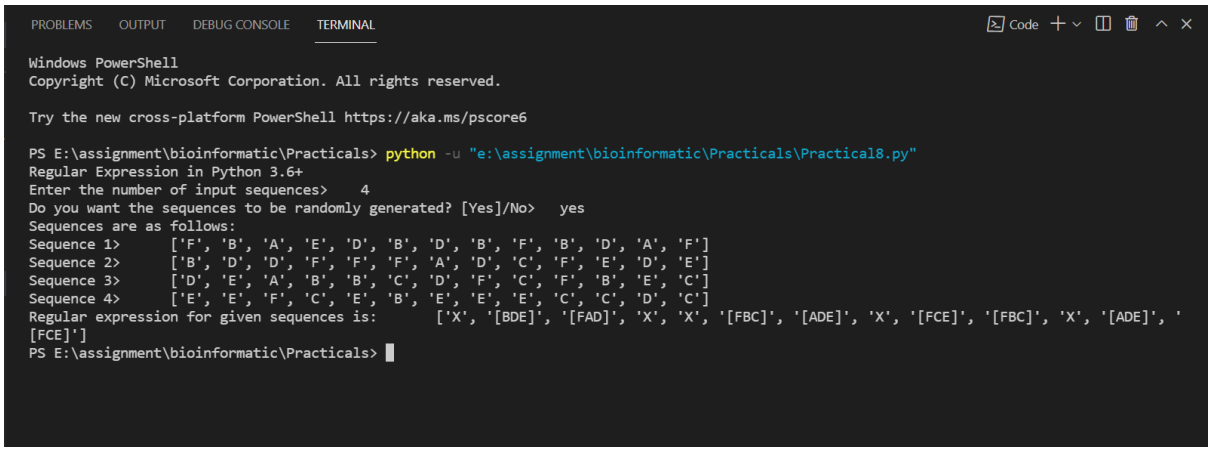

Practical No:8



Practical No:9