

PF – BSDS

Note: Do your own work, talking, sharing, discussion is considered as cheating (in any case and strictly discouraged), therefore be careful. TA's will be there for your help. Wait for TA, if you have any query

Task 1: Write a program, which displays the following output:

```
Program Started...
This is the first line of my program.
This is the second line of my program.
Program Ended.
```

Task 2: Write a program to print the following table using tab character:

First Name	Last Name	Degree	Roll no	Batch
Ali	Munir	DS	001	F22
Ayesha	Razzaq	DS	002	F22

Task 3: Write a program to generate the following output:

Practice 01
Programming Fundamentals.
First Semester
My Programs

First	Second	Third.py
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Task 4: Write a program to print the letter 'A' using stars.

```

      *
    * *
  * * * * *
*           *
*           *

```

Task 5: Display the following pattern:

```
* * * * *
* A B C *
* D E F *
* G H I *
* * * * *
```

Task 6: Display digits 1 2 3 4 (using underscore and vertical line characters) in print statements:

Task 11: Generate following output: (Use Tab space for the spaces between arrows)

Diagram illustrating a sequence of operations or data flow:

```

graph LR
    A[ ] --> B[ ]
    B -.-> C[ ]
    C --> D[ ]
    style A fill:#fff,stroke:#000,stroke-width:1px
    style B fill:#fff,stroke:#000,stroke-width:1px
    style C fill:#fff,stroke:#000,stroke-width:1px
    style D fill:#fff,stroke:#000,stroke-width:1px
  
```

The diagram shows a sequence of four rectangular boxes. The first box is followed by a double right-pointing arrow (\gg). The second box is followed by a dashed line with double right-pointing arrows (\gg) at both ends. The third box is followed by a double right-pointing arrow (\gg). The fourth box is empty.

Task 12: Write a program to generate the following output:

H	H	E E E E	L	L	O O O O O
H	H	E	L	L	O
H	H	E	L	L	O
H	H	E	L	L	O
H H H H H	E E E	L	L	O	
H	H	E	L	L	O
H	H	E	L	L	O
H	H	E	L	L	O
H	H	E E E E	L L L L	L L L L	O O O O O