

## Assignment Lec (4)

- (1) Write a program that reads a positive integer and checks if it is a prime number.
- (2) Write a program that reads a positive integer and checks if it is a perfect square.
- (3) Write a program to display English alphabets from A to Z.
- (4) Write a program to calculate the power of a number. The number and its power are input from user.
- (5) Write a program to reverse a number.
- (6) Write a program to display half pyramid using stars pattern.

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- (7) Write a program to display inverted half pyramid using stars pattern.

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(8) Write a program to display a full pyramid using stars pattern.

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(9) Write a program to display cross or X-shape using stars pattern.

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