

1. Print Star pattern as shown below.



1
3*2
4*5*6
10*9*8*7

2. Create a Java program to find middle node of linked list in Java in one pass.

3. Create a Java Program to Reverse a Linked List.

4. Given is a list of Currency Conversions:

EUR/USD => 1.2

USD/GBP => 0.75

GBP/AUD => 1.7

AUD/JPY => 90

GBP/JPY => 150

JPY/INR => 0.6

Write a method to convert from one currency to other currency.

double convert(String sourceCurrency, double amount, String destCurrency);

For example, convert(EUR, 100, INR)

Note: The method should minimize the number of intermediate conversions.

5. Write a program to find Maximum possible time that can be formed from four digits

Examples:

Input: arr[] = {1, 2, 3, 4}

Output: 23:41

Input: arr[] = {5, 5, 6, 6}

Output: -1