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| **Program** | **Statement** |
| **1** | **Write an assembly language program to Store 8-bit data in memory** |
| **2** | **Write an assembly language program to Exchange the contents of memory locations** |
| **3** | **Write an assembly language program to add two 8-bit numbers** |
| **4** | **Write an assembly language program to Subtract two 8-bit numbers** |
| **5** | **Write an assembly language program to Add contents of two memory locations** |
| **6** | **Write an assembly language program to Add two 16-bit numbers** |
| **7** | **Write an assembly language program to Subtract two 16-bit numbers** |
| **8** | **Write an assembly language program to Finding one’s complement of a 8-bit number and 16-bit number** |
| **9** | **Write an assembly language program to Finding Two’s complement of a 8-bit number and 16-bit number** |
| **10** | **Write an assembly language program to Pack the unpacked BCD numbers** |
| **11** | **Write an assembly language program to Unpack a BCD number** |
| **12** | **Write an assembly language program to Right shift, bit of data( 8-bit and 16-bit)** |
| **13** | **Write an assembly language program to Left Shifting of data( 8-bit and 16-bit)** |
| **14** | **Write an assembly language program to Alter the contents of flag register in 8085** |
| **15** | **Write an assembly language program to check the number is odd or even.** |
| **16** | **Write an assembly language program to check the number is positive or negative.** |
| **17** | **Write an assembly language program to Count Number of one’s in a number** |
| **18** | **Write an assembly language program to Arrange in ascending order** |
| **19** | **Write an assembly language program to calculate the sum of series** |
| **20** | **Write an assembly language program to Calculate the sum of series of even numbers** |
| **21** | **Write an assembly language program to Calculate the sum of series of odd numbers** |
| **22** | **Write an assembly language program to Calculate the sum of series of positive numbers.** |
| **23** | **Write an assembly language program to Calculate the sum of series of negative numbers.** |
| **24** | **Write an assembly language program to Count the even numbers from a series.** |
| **25** | **Write an assembly language program to Count the odd numbers from a series.** |
| **26** | **Write an assembly language program to Count the negative numbers from a series.** |
| **27** | **Write an assembly language program to Count the positive numbers from a series.** |
| **28** | **Write an assembly language program to Find the square of given number** |
| **29** | **Write an assembly language program to Search a byte in a given number** |
| **30** | **Write an assembly language program to Add two decimal numbers** |
| **31** | **Write an assembly language program to separate even numbers from given numbers** |
| **32** | **Write an assembly language program to Transfer contents from memory block B1 to memory block B2.** |
| **33** | **Write an assembly language program to Transfer contents to overlapping memory blocks** |
| **34** | **Write an assembly language program to multiply two 8bit numbers.** |