

Assignment – 11

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| 1. Write a Program for data transfer using different addressing modes. |
| 2. Write Program to move data from source to destination using indirect addressing mode (Block Move without overlap). |
| 3. Write a Program to move a block of data from source to destination (With overlap in either direction). |
| 4. Write a Program to interchange two blocks of data. |

Assignment – 12

***For first three programs perform only one operation i.e. ADD or SUB.**

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| 1. Write ALP to ADD/SUB 'n' 16 bit numbers stored in consecutive memory location |
| 2. Write a Program to find smallest/largest number in a given array of 16 bits numbers. |
| 3. Write a Program to sort 16 bits given numbers in ascending /descending order. |
| 4. Write a Program to find occurrences of a given number in a list of N numbers given through keyboard. |
| 5. Write a Program to move a string from source to destination. |
| 6. Write a Program to reverse a given string. |
| 7. Write a Program to perform case conversion (U to L, L to U) for a given string. |
| 8. Write a Program to merge two strings entered through keyboard. |
| 9. Write a Program to search a character in a given string. |
| 10. Write a Program to find occurrences of a given character in a given string through keyboard. |
| 11. Program to check whether given substring exist in a main string or not? |