

Homework 3

Group A

1. Write a C++ program to calculate and print the sum of odd integers from 3 to 19.
2. Write a C++ program to printout multiples of 5 less than 80.
3. Write a C++ program to calculate and print the average of even integers from 6 to 100.
4. Write a C++ program to calculate and print the sum of the series:

$$7+11+15+19+ \dots + 35.$$

5. Write a C++ program to calculate and print the sum of a student's scores in 15 subjects.
6. Write a C++ program to calculate and print the mean of numbers from 1 to 100.
7. Write a C++ program to calculate and print the average salary for 30 employees salaries.
8. Write a C++ program to input 10 integer numbers and find the maximum number.
9. Write a C++ program to input 20 integer numbers and find the minimum number.
10. Write a C++ program to input the scores of 20 students in statistics and printout success or failure for each student.
11. Write a C++ program to input the salaries of 20 employees and find the number of employees whose salaries are less than 1500.

12. Write a C++ program to printout the multiplication table 1 – 12.

13. Write a C++ program to calculate the value of the polynomial:

$$y = u + \frac{u^2}{2} + \frac{u^3}{3} + \frac{u^4}{4} + \frac{u^5}{5}$$