

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY INSTITUTE OF APPLIED COMPUTER SYSTEMS

Introduction to Operations Research

Assignment 4 – Two-Variable Mathematical Programming

Name: Emir

Surname: Oguz

Student Number: 230ADB011

TASK

Maximize:

• $Z = 10x_1 + 7x_2$

Subject to:

- $2x_1 \le 29$
- $3x_2 \le 17$
- $2x_1 + x_2 \le 23$
- $x_1 \ge 0, x_2 \ge 0$

CODE

RESULT

