Contents

[Objectives 1](#_Toc264317247)

[Introduction 2](#_Toc264317248)

[Introduction to c 3](#_Toc264317249)

[Control statement 3](#_Toc264317250)

[Function 5](#_Toc264317251)

[Arrays and pointers 10](#_Toc264317252)

[Array 10](#_Toc264317253)

[Pointers 10](#_Toc264317254)

[Structure 12](#_Toc264317255)

[File Handling 13](#_Toc264317256)

[Algorithm 16](#_Toc264317257)

[Source code 21](#_Toc264317258)

[Program Output 41](#_Toc264317259)

[Discussion and Program Limitations 50](#_Toc264317260)

[Summary 52](#_Toc264317261)

[References 53](#_Toc264317262)