

# Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

Examination: Online 1

Session: Fall 2022

Year/Semester: 4/1

Course No: CSE4130

Course Title: Formal Languages and Compilers Lab

Mark: 10

Time: 15 Minutes.

## SET 2

Write a C program that will scan an input file (c source code) and display the *parameter(s)* and the *return value* of the main function of that input program.

Sample Input File	Sample Output
<pre>#include&lt;stdio.h&gt; int main(void) {     int a, b, c;     float d, e, f;     char x,y,z;     scanf("%d%f%c",&amp;a,&amp;d,&amp;x);     printf("char %c float %f",x,d);     scanf("%d%d",&amp;b,&amp;c);      return 1; }</pre>	<p>Parameter(s): void</p> <p>Return Value: 1</p>