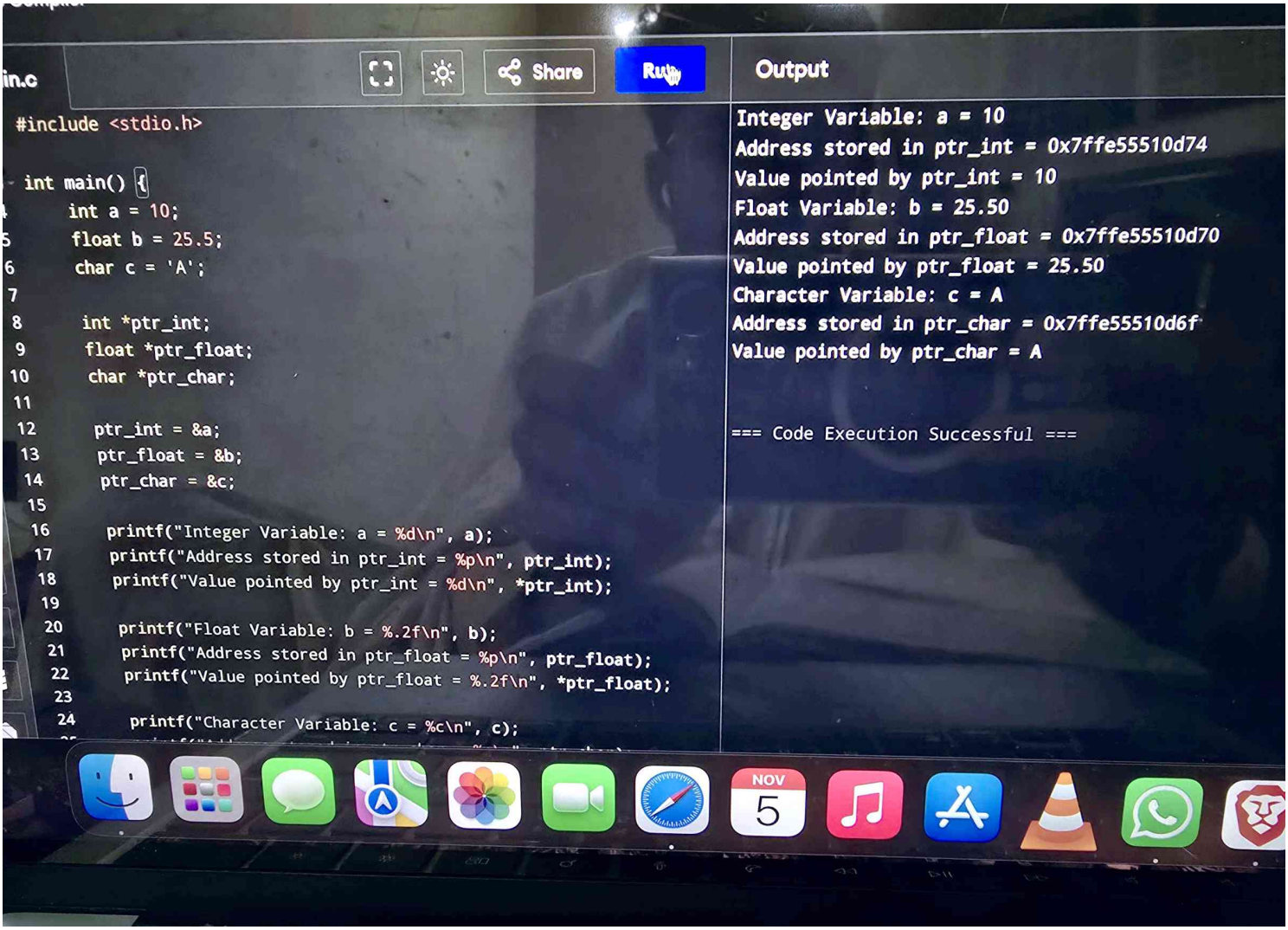
PAGE NO. :
DATE : / /

Experiment 8-1 (Pointers)

```
#include<stdio.h>

int main () {
  int a = 10;
  float b = 25.5;
   char c = 'A';

   int *ptr_int;
  float * ptr_float;
  char * ptr_char;

  ptr_int = &a;
  Ptr_float = &b;
  ptr_char = &c;

  Printf("Integer Variable: a= %d\n", a);
  Printf("Address stored in Ptr_int = %p\n"ptr_int);
  Printf("Value pointed by ptr_int= %d\n", *ptr_int);
  Printf("float Variable: b= %.2f\n", b);
  Printf("Address Stored in ptr_float= %p\n", ptr_float);
  Printf("Value pointed by ptr_float = %.2.2f\n", *ptr_
                                          _float);

  Printf("Character Variable: c= %c\n", c);
  Printf("Address Stored in ptr_char = %p\n", ptr_char);
  Printf("Value pointed by Ptr_char = %c\n", *ptr_Char);
  return 0;
}
```

Remarks:

Teacher's Signature _____


in.c
Share
Run
Output
#include <stdio.h>
int main() {
int a = 10;
float b = 25.5;
char c = 'A';
int *ptr_int;
float *ptr_float;
char *ptr_char;
ptr_int = &a;
ptr_float = &b;
ptr_char = &c;
printf("Integer Variable: a = %d\n", a);
printf("Address stored in ptr_int = %p\n", ptr_int);
printf("Value pointed by ptr_int = %d\n", *ptr_int);
printf("Float Variable: b = %.2f\n", b);
printf("Address stored in ptr_float = %p\n", ptr_float);
printf("Value pointed by ptr_float = %.2f\n", *ptr_float);
printf("Character Variable: c = %c\n", c);
Integer Variable: a = 10
Address stored in ptr_int = 0x7ffe55510d74
Value pointed by ptr_int = 10
Float Variable: b = 25.50
Address stored in ptr_float = 0x7ffe55510d70
Value pointed by ptr_float = 25.50
Character Variable: c = A
Address stored in ptr_char = 0x7ffe55510d6f
Value pointed by ptr_char = A
=== Code Execution Successful ===
NOV
5