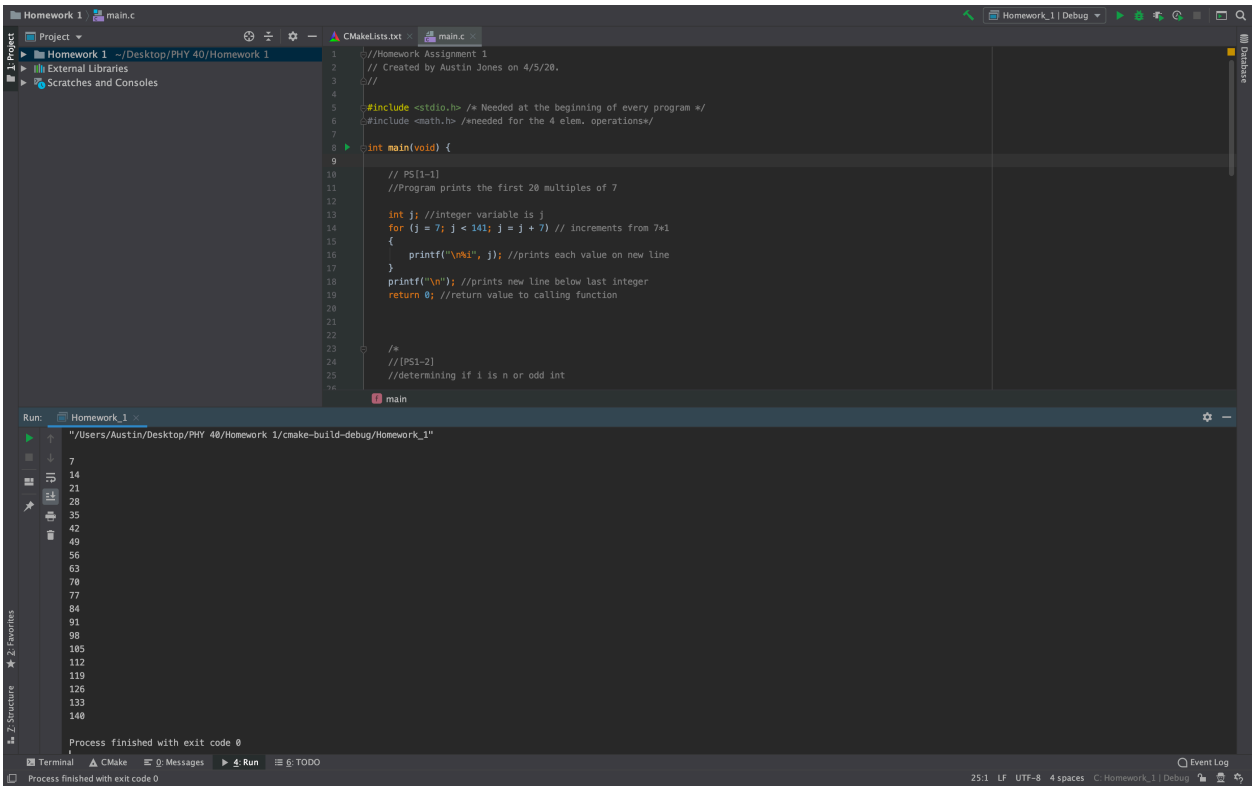
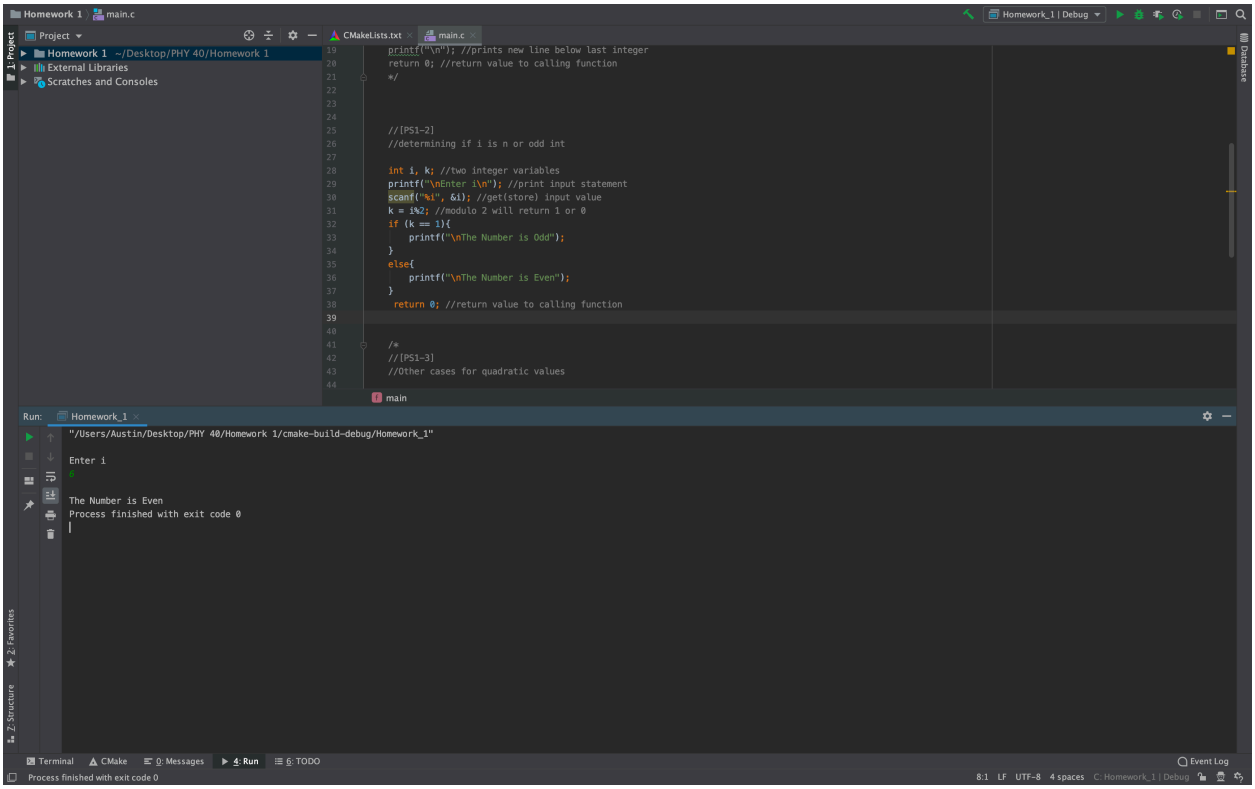
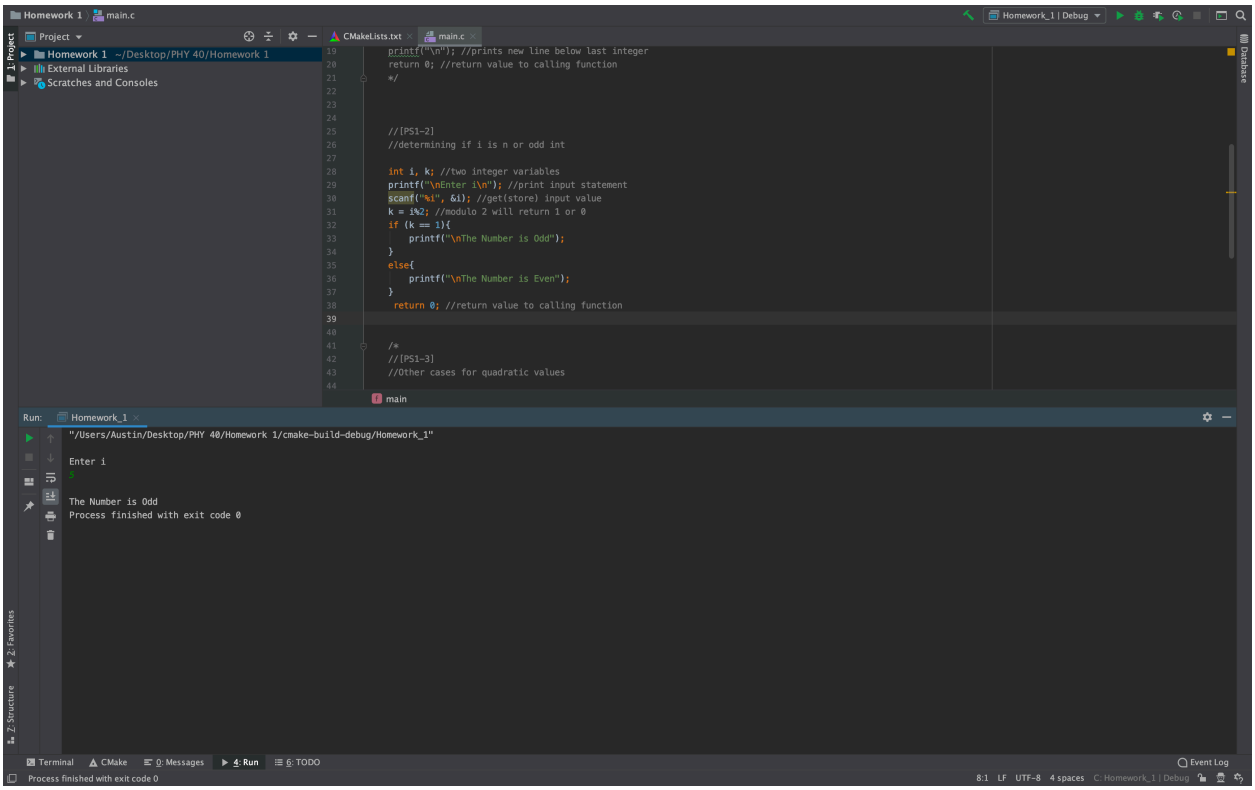

Homework 1
main.c
Homework_1 | Debug
Project
Homework 1 ~/Desktop/PHY 40/Homework 1
External Libraries
Scratches and Consoles
CMakeLists.txt
main.c
//Homework Assignment 1
// Created by Austin Jones on 4/5/20.
//
#include <stdio.h> /* Needed at the beginning of every program */
#include <math.h> /*needed for the 4 elem. operations*/
int main(void) {
// PS[1-1]
//Program prints the first 20 multiples of 7
int j; //integer variable is j
for (j = 7; j < 141; j = j + 7) // increments from 7*1
{
printf("\n%i", j); //prints each value on new line
}
printf("\n"); //prints new line below last integer
return 0; //return value to calling function
/*
//[PS1-2]
//determining if i is n or odd int
main
Run:
Homework_1
"/Users/Austin/Desktop/PHY 40/Homework 1/cmake-build-debug/Homework_1"
7
14
21
28
35
42
49
56
63
70
77
84
91
98
105
112
119
126
133
140
Process finished with exit code 0
Terminal
CMake
0: Messages
4: Run
6: TODO
Event Log
Process finished with exit code 0
25:1
LF
UTF-8
4 spaces
Homework_1 | Debug

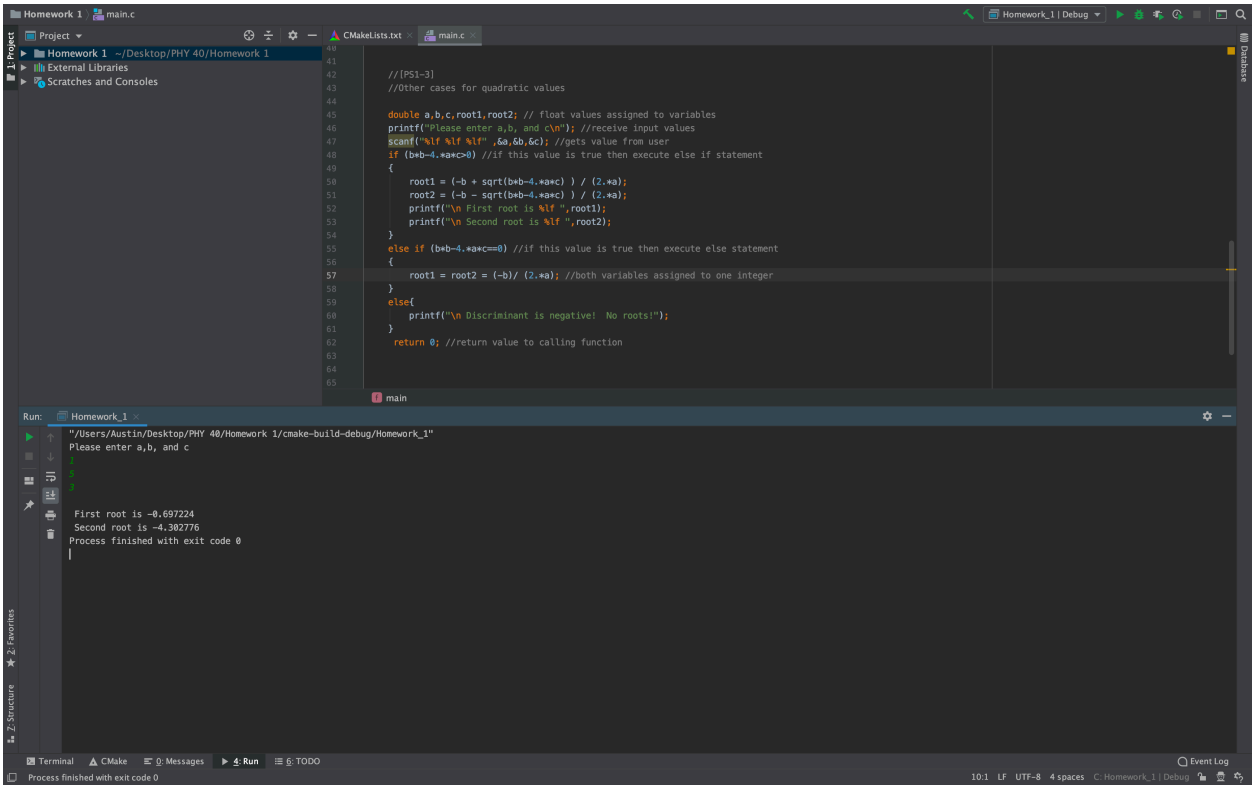
Even


printf("\n"); //prints new line below last integer
return 0; //return value to calling function
*/
//[PS1-2]
//determining if i is n or odd int
int i, k; //two integer variables
printf("\nEnter i\n"); //print input statement
scanf("%i", &i); //get(store) input value
k = i%2; //modulo 2 will return 1 or 0
if (k == 1){
printf("\nThe Number is Odd");
}
else{
printf("\nThe Number is Even");
}
return 0; //return value to calling function
/*
//[PS1-3]
//Other cases for quadratic values
"/Users/Austin/Desktop/PHY 40/Homework 1/cmake-build-debug/Homework_1"
Enter i
2
The Number is Even
Process finished with exit code 0

Odd


printf("\n"); //prints new line below last integer
return 0; //return value to calling function
*/
//[PS1-2]
//determining if i is n or odd int
int i, k; //two integer variables
printf("\nEnter i\n"); //print input statement
scanf("%i", &i); //get(store) input value
k = i%2; //modulo 2 will return 1 or 0
if (k == 1){
printf("\nThe Number is Odd");
}
else{
printf("\nThe Number is Even");
}
return 0; //return value to calling function
/*
//[PS1-3]
//Other cases for quadratic values
"/Users/Austin/Desktop/PHY 40/Homework 1/cmake-build-debug/Homework_1"
Enter i
3
The Number is Odd
Process finished with exit code 0

Discriminate > 0



Discriminate = 0

Discrimate < 0