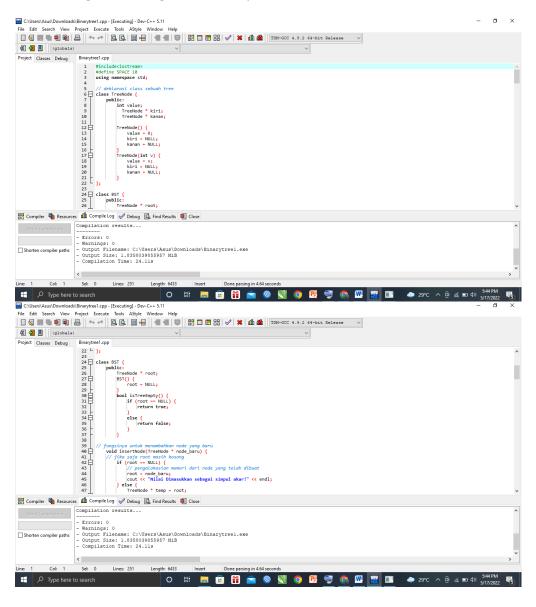
Kelompok 4

- 1. Shabinna Rahmadilla Santoso 004
- 2. Kania Meliana Fityanti 028
- 3. Hadi Suprayitno 032
- 4. Shinta Berlin Maharani 048
- 5. Asha Antania Anjani 068
- ♣ Fungsi Membangun Tree Binary



```
C:\Users\Asus\Downloads\Binarytree1.cpp - [Executing] - Dev-C++ 5.11
                                                                                                                                                                                                            File Edit Search View Project Execute Tools AStyle Window Help
 □ 🚭 🖷 🖷 🛍 📮 ⊨ 🔛 🖷 🔛 🔛 🔛 🖽 🛍 🛣 | IDM-GCC 4.9.2 64-bit Release 🔻
 (globals)
                                       Project Classes Debug Binarytree1.cpp
                            46

47

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

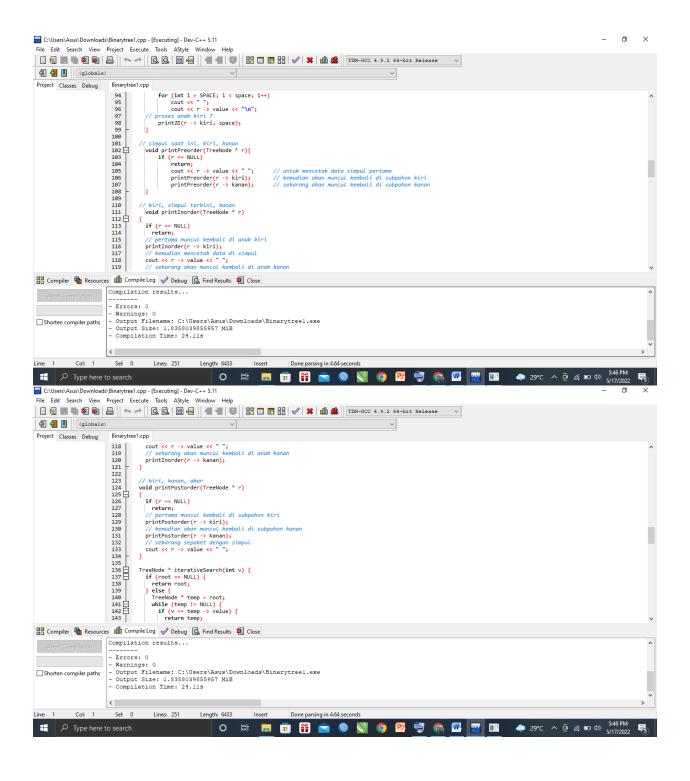
65

67

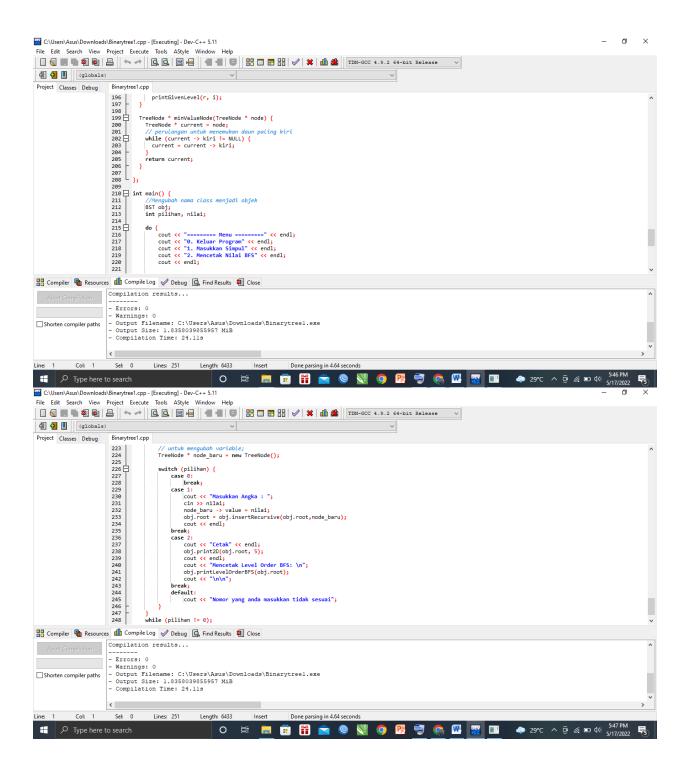
67

70

71
                                               TreeNode* insertRecursive(TreeNode *r, TreeNode *node_baru){
   if(r==NULL){
      r=node_baru;
}
 Compiler Resources Compile Log 🗸 Debug 🗓 Find Results 🕸 Close
                          Compilation results...
                            Errors: 0
                            Warnings: 0
                          - Wathings. O:\Users\Asus\Downloads\Binarytreel.exe
- Output Filename: C:\Users\Asus\Downloads\Binarytreel.exe
- Output Size: 1.8358039855957 MiB
- Compilation Time: 24.11s
 Shorten compiler paths
                         <
                            Sel: 0
                                        Lines: 251 Length: 6433
                                                                            Insert
                                                                                         Done parsing in 4.64 seconds
                                                               O ቯ 🔚 🛅 📆 🖎 🕲 🐧 🧑 🔀 🗐 🦣 🚾 🕎 📭 10° - 29°C ^ Ĝ 6 ₪ 0) 5/17/2022
 Type here to search
C:\Users\Asus\Downloads\Binarytree1.cpp - [Executing] - Dev-C++ 5.11
 File Edit Search View Project Execute Tools AStyle Window Help
 (globals)
                                                   if(r==NULL){
    renode baru;
    cout <<Penyisipan berhasil"<<endl;
    return r;
}if(node baru = vavalue < r=vvalue){
    r=vkiri = insertRecursive(r=vkiri,node_baru);
}else if (node_baru=value > r=vvalue){
    r=vkanan = insertRecursive(r=vkanan,node_baru);
}else{
    cout <</pre>"idak ada nilai duplikat yang diizinkan!" << endl;
    return r;
}</pre>
 Project Classes Debug
                           Binarytree1.cpp
                            return r;
                                      void print2D(TreeNode * r, int space) {
                                         / base case 1
if (r == NULL)
return;
                                           untuk memperluas jarak antara Level 2
space += SPACE;
proses anah keri
                                      space *= >rm.,
// proses andk kannan dulu 3
print2D(r -> kanan, space);
cout << endl]
for (int i = SPACE; i < space; i++)
| cout << "j;
 Compiler a Resources  Compile Log  Debug  Find Results  Close
                         Compilation results...
                           - Warnings: 0
- Output Filename: C:\Users\Asus\Downloads\Binarytreel.exe
- Output Size: 1.8358039855957 MiB
- Compilation Time: 24.11s
 Shorten compiler paths
                                        Lines: 251
                                                         Length: 6433
                                                                                          Done parsing in 4.64 seconds
                                                                            Insert
                                                                O 計 📑 🞬 😭 🕲 🚫 🦠 🧖 👺 💆 🎆 🞹 🚉 🖦 29°C ^ 🗓 🖟 📼 (4) 5/17/2022
 Type here to search
```



```
C:\Users\Asus\Downloads\Binarytree1.cpp - [Executing] - Dev-C++ 5.11
 File Edit Search View Project Execute Tools AStyle Window Help
   □ 🚭 🖷 🖷 🛍 📮 ⊨ 🔛 🖷 🔛 🔛 🔛 🖽 🛍 🛣 | IDM-GCC 4.9.2 64-bit Release 🔻
   (globals)
 Project Classes Debug Binarytree1.cpp
                                                                         temp = temp -> kiri;
} else {
temp = temp -> kanan;
}
                                              | temp = temp -> kiri; | else { | temp = temp -> kanan; | temp = temp -> kanan
                                               145
                                              164 | int height(TreeNode * r) {
166 | if (r == NULL)
                                                               int neight(reewode 'r) {
   if (r= NULL)
   return -l;
   else {
      // tinggi komputer satu sama lain | persaaman tinggi sampul kanan | kiri
   int lheight = height(r-> kiri);
   }
 🔡 Compiler 🍓 Resources 🛍 Compile Log 🤣 Debug 🗓 Find Results 🛍 Close
                                             Compilation results...
                                              - Errors: 0
                                                Warnings: 0
                                             - Wathings. Octobers\Asus\Downloads\Binarytreel.exe
- Output Size: 1.8358039855957 MiB
- Compilation Time: 24.11s
 Shorten compiler paths
                       Col: 1
                                                Sel: 0 Lines: 251 Length: 6433
                                                                                                                              Insert
                                                                                                                                                           Done parsing in 4.64 seconds
 C:\Users\Asus\Downloads\Binarytree1.cpp - [Executing] - Dev-C++ 5.11
 File Edit Search View Project Execute Tools AStyle Window Help
   (globals)
  Project Classes Debug Binarytree1.cpp
                                                                       // tinggi komputer satu sama lain | persaaman tinggi sampul kanan | kiri
int lheight = height(r -> kiri);
int rheight = height(r -> kanan);
                                              169
170
171
172
173
174
175
176
177 –
178 –
179
180
                                                                  // menggunakan yang terbeso
if (lheight > rheight)
  return (lheight + 1);
else return (rheight + 1);
}
                                             void printGivenLevel(TreeNode * r, int level) {
                                                                   printGivenLevel(r -> kiri, level - 1);
printGivenLevel(r -> kanan, level - 1);
}
 Compiler a Resources  Compile Log  Debug  Find Results  Close
                                            Compilation results...
                                              - Warnings: 0
- Output Filename: C:\Users\Asus\Downloads\Binarytreel.exe
- Output Size: 1.8358039855957 MiB
- Compilation Time: 24.11s
 Shorten compiler paths
                                                 Sel: 0 Lines: 251 Length: 6433
                                                                                                                                                            Done parsing in 4.64 seconds
                                                                                                                                    Insert
                                                                                                              O 🛱 🚃 🖫 🔐 🔕 🔇 💟 🧿 👺 🟺 🧠 🞹 🕎 🙃 🕩 29°C ^ © 🔏 📼 🗘 5/17/202
   Type here to search
```



Output Pemograman

