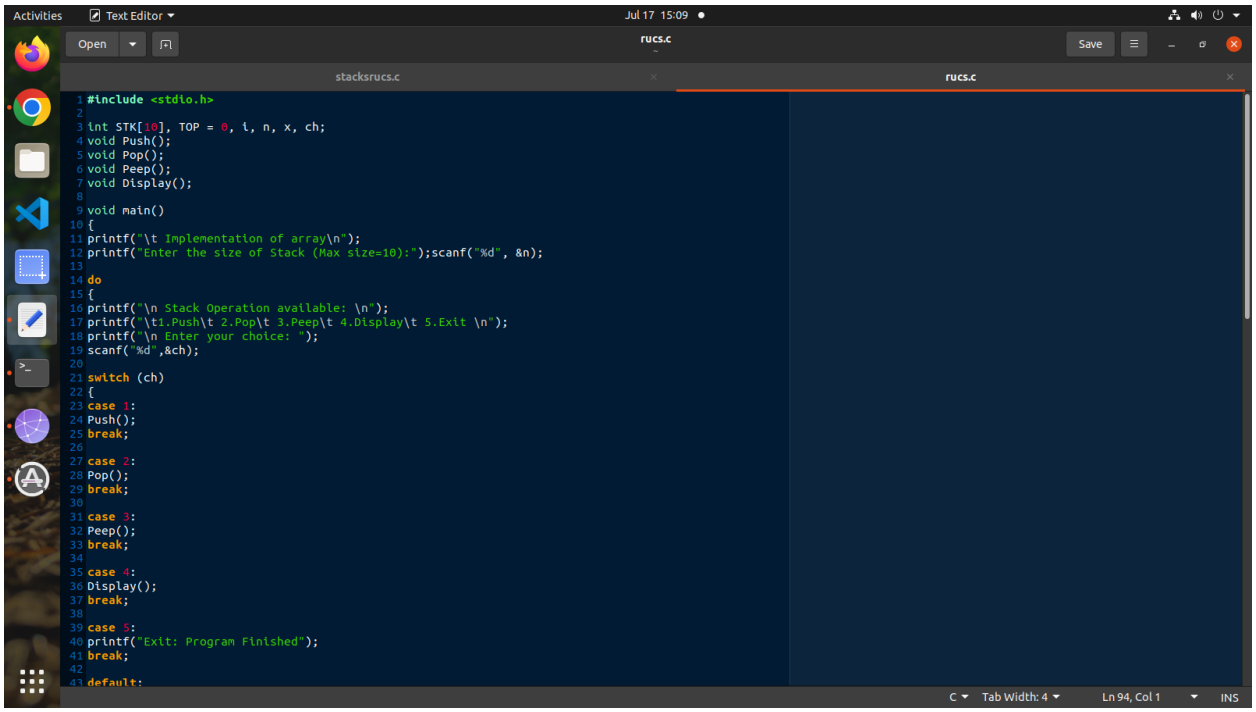
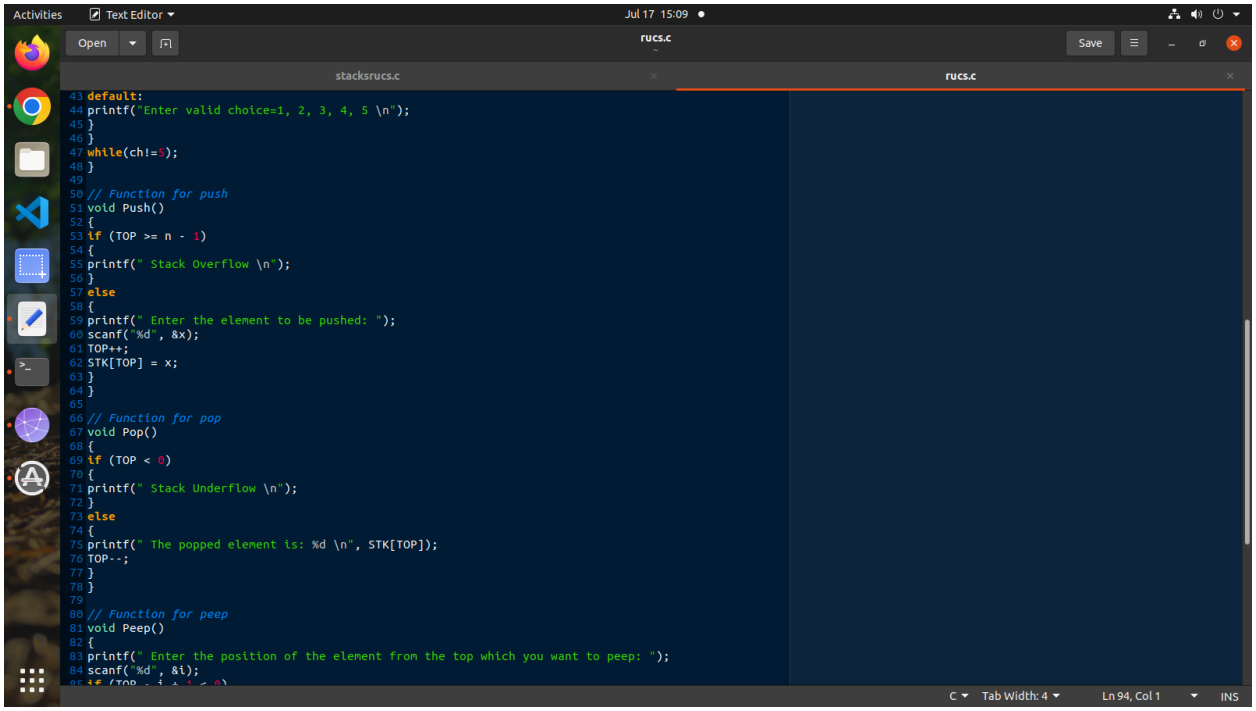
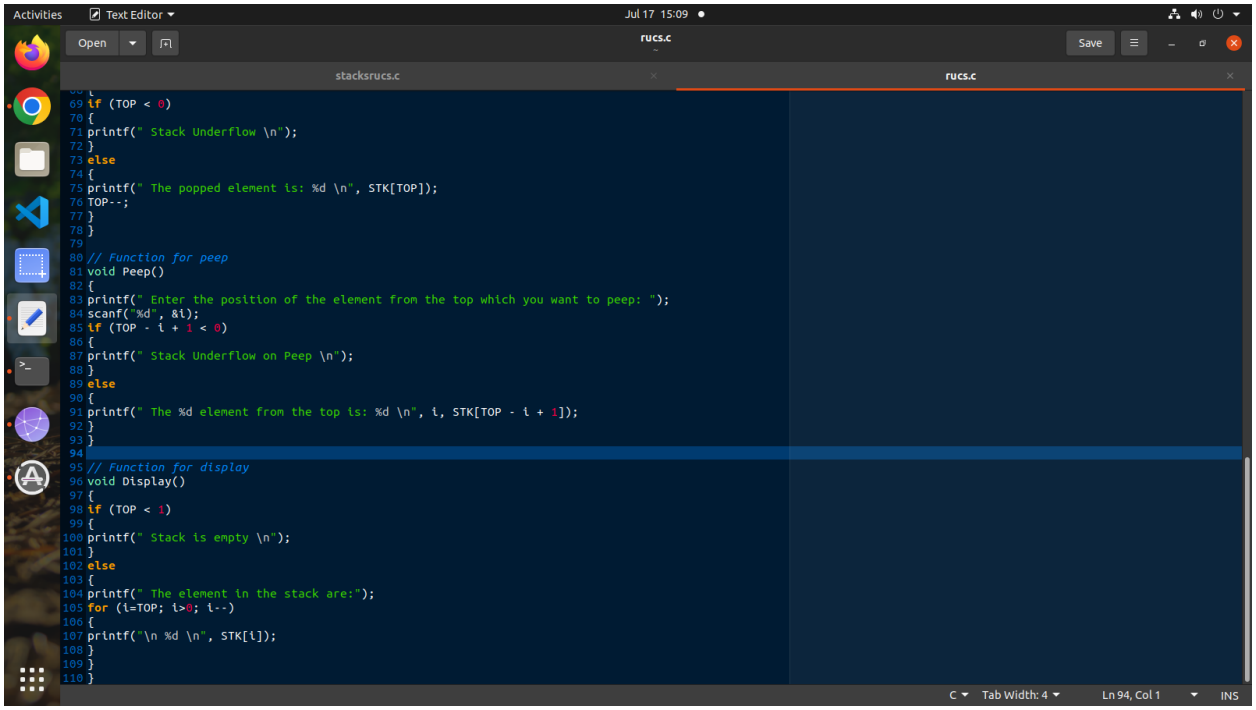
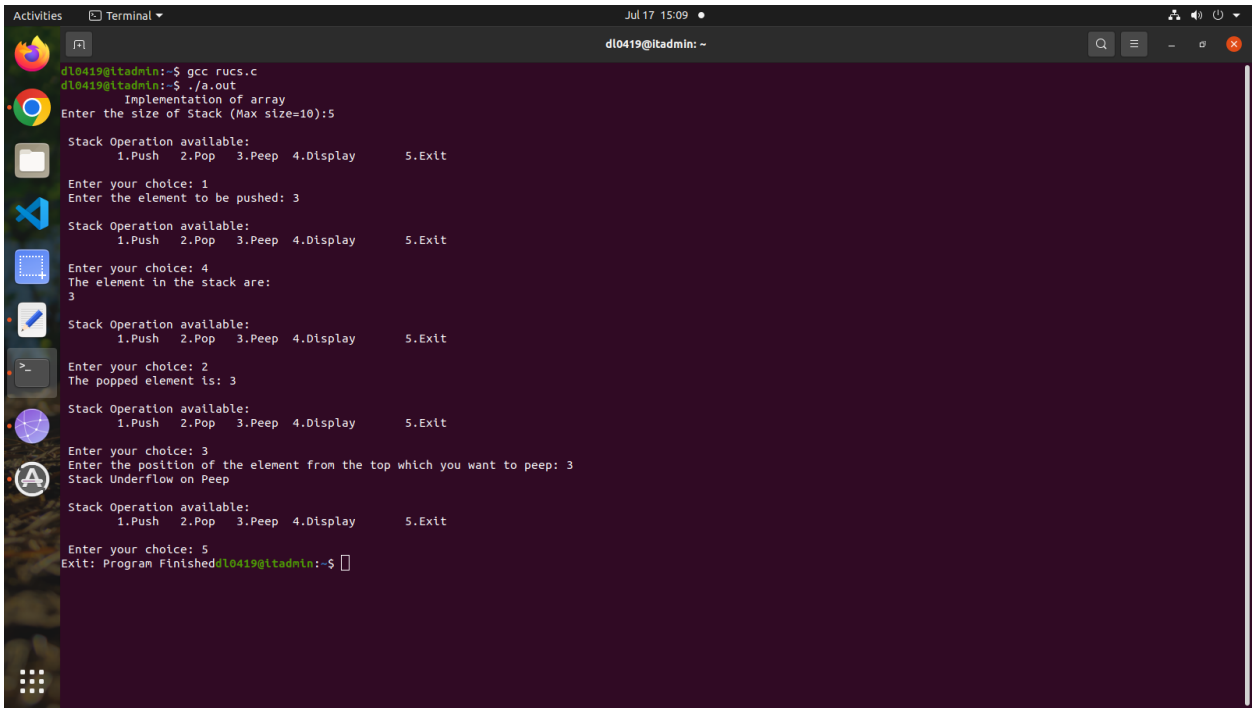
EXPERIMENT 1






Activities
Text Editor
Jul 17 15:09
Open
rucs.c
~
Save
stacksrucs.c
rucs.c
if (TOP < 0)
{
printf(" Stack Underflow \n");
}
else
{
printf(" The popped element is: %d \n", STK[TOP]);
TOP--;
}
}
// Function for peep
void Peep()
{
printf(" Enter the position of the element from the top which you want to peep: ");
scanf("%d", &i);
if (TOP - i + 1 < 0)
{
printf(" Stack Underflow on Peep \n");
}
else
{
printf(" The %d element from the top is: %d \n", i, STK[TOP - i + 1]);
}
}
// Function for display
void Display()
{
if (TOP < 1)
{
printf(" Stack is empty \n");
}
else
{
printf(" The element in the stack are:");
for (i=TOP; i>0; i--)
{
printf("\n %d \n", STK[i]);
}
}
}
C
Tab Width: 4
Ln 94, Col 1
INS


Activities
Terminal
Jul 17 15:09
dl0419@itadmin: ~
dl0419@itadmin:~$ gcc rucs.c
dl0419@itadmin:~$ ./a.out
Implementation of array
Enter the size of Stack (Max size=10):5
Stack Operation available:
1.Push 2.Pop 3.Peep 4.Display 5.Exit
Enter your choice: 1
Enter the element to be pushed: 3
Stack Operation available:
1.Push 2.Pop 3.Peep 4.Display 5.Exit
Enter your choice: 4
The element in the stack are:
3
Stack Operation available:
1.Push 2.Pop 3.Peep 4.Display 5.Exit
Enter your choice: 2
The popped element is: 3
Stack Operation available:
1.Push 2.Pop 3.Peep 4.Display 5.Exit
Enter your choice: 3
Enter the position of the element from the top which you want to peep: 3
Stack Underflow on Peep
Stack Operation available:
1.Push 2.Pop 3.Peep 4.Display 5.Exit
Enter your choice: 5
Exit: Program Finisheddl0419@itadmin:~$