

SEMP LAB

Assignment 7

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Div : 1

Batch : T3

Screenshots :

```
Mihika$ vim configure.ac
Mihika$ ls
Makefile.am      bst.c            configure.ac
Mihika$ vim Makefile.am
Mihika$ touch README
Mihika$ touch NEWS
Mihika$ touch AUTHORS
Mihika$ touch ChangeLog
Mihika$ ls
AUTHORS           Makefile.am      README           configure.ac
ChangeLog        NEWS             bst.c
```

```
Mihika$ autoreconf -i
configure.ac:3: installing './compile'
configure.ac:2: installing './install-sh'
configure.ac:2: installing './missing'
Makefile.am: installing './INSTALL'
Makefile.am: installing './COPYING' using GNU General Public License v3 file
Makefile.am:   Consider adding the COPYING file to the version control system
Makefile.am:   for your code, to avoid questions about which license your project uses
```

```
Mihika$ automake --add-missing --foreign
Mihika$ ./configure
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a race-free mkdir -p... ./install-sh -c -d
checking for gawk... no
checking for mawk... no
checking for nawk... no
checking for awk... awk
checking whether make sets $(MAKE)... yes
checking whether make supports nested variables... yes
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether the compiler supports GNU C... yes
checking whether gcc accepts -g... yes
checking for gcc option to enable C11 features... none needed
checking whether gcc understands -c and -o together... yes
checking whether make supports the include directive... yes (GNU style)
checking dependency style of gcc... gcc3
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
config.status: executing depfiles commands
Mihika$ sudo make
```

```
Mihika$ sudo make
[Password:
```

```

mv -f .deps/bst.Tpo .deps/bst.Po
gcc -g -O2 -o bst bst.o
Mihika$ ./bst
Choose from the following options - (1 - Insert Node, 2 - Remove Node,3 - Search Node
4 - Postorder Traversal,5 - Display Level , 6 - Destroy Tree)
1
Enter Value of Node to Insert : 15
warning: this program uses gets(), which is unsafe.
Enter Name of Node to Insert : Mihika

Do you want to continue? 1=yes,0=no 1
Choose from the following options - (1 - Insert Node, 2 - Remove Node,3 - Search Node
4 - Postorder Traversal,5 - Display Level , 6 - Destroy Tree)
1
Enter Value of Node to Insert : 20
Enter Name of Node to Insert : Shubham

Do you want to continue? 1=yes,0=no 1
Choose from the following options - (1 - Insert Node, 2 - Remove Node,3 - Search Node
4 - Postorder Traversal,5 - Display Level , 6 - Destroy Tree)
1
Enter Value of Node to Insert : 10
Enter Name of Node to Insert : Aagam

Do you want to continue? 1=yes,0=no 1
Choose from the following options - (1 - Insert Node, 2 - Remove Node,3 - Search Node
4 - Postorder Traversal,5 - Display Level , 6 - Destroy Tree)
4
10 Aagam 20 Shubham 15 Mihika
Do you want to continue? 1=yes,0=no 0
Mihika$ █

```