

Procedural Programming Lab 2

Date – 4 Oct 2017

Viva Questions

What is the output of the following programs?

1.	<pre>int x = 40; main() { int x = 20; printf("\n %d",x); }</pre>	20
2.	<pre>main() { int x = 40; { int x = 20; printf("\n %d",x); } printf("\n %d",x); }</pre>	20 40
3.	<pre>main() { extern int i; i = 20; printf("%d",sizeof(i)); }</pre>	Error "extern int i" is a declaration and not a definition, hence the error.
4.	<pre>main() { extern int a; printf("\n %d",a); } int a = 20;</pre>	20
5.	<p>What's the difference between a definition and declaration of a variable?</p> <p>In the definition of a variable space is reserved for the variable and some initial value is given to it, whereas a declaration only identifies the type of the variable for a function. Thus definition is the place where the variable is created or assigned storage is allocated.</p>	