SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR-3 Department of Computer Science and Engineering

TUTORIAL - 2: Review of C Concepts

Class: III sem ' ' Subject: Data Structures(3CC102)		
Answer the following (1. Find out the errors i i) int x=5;	Questions: if any in each of the follow ii) int *x=5;	ing expressions: iii) int a; int
**p=&a		
iv) int *x; scanf("%d",&x);	v) int *x; scanf("%d",&*x);	vi) int a; int *x=&a
iii) A pointer variable fp	pointing to an integer. p pointing to a pointer to an ir	
integer variable <i>n</i>	of scanf() statements to i	
ii) The pointer that is d	declared using operations of the contract of the contrac	e de-referenced.
a) main()	t put of the following progr b)	ams? #define STR "Data
Structures" {		main()
int i;		<pre>{ char *p=STR; printf("%s",p); }</pre>
{ char *ptr =	= "SC Systems";	
ptr++; printf("%s\n",ptr); ptr++;	, ,	

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printf("%s\n",ptr);
}
6. main()
{
    int *p="Hello";
    int *z=p;
printf("%s . . .",p);
printf("%s",z);
7. main()
    {
        int i=100,j=10,k;
        int *p=&j;
        k=i/(*p);
        printf("%d",k);
    }
```