Lab 9- Q1 to Q4

1. Output:-

\*p3 = S

\*p3 = T, p3 = 6940

\*p1 = S, p1 = 6940

2. Option D(\*p=75)

3. Explain the error.

char c = 'A';

double \*p = &c;

The error is that a pointer of double type is pointing towards a memory location which has a variable of character datatype. This is a clear mismatch.

4. int main()

{

char blocks[3] = {'A','B','C'};

char \*ptr = &blocks[0];

char temp;

temp = blocks[0]; //temp=A

temp = \*(blocks + 2); //temp=C

temp = \*(ptr + 1); //temp=B

temp = \*ptr; //temp=A

ptr = blocks + 1; //ptr=4435

temp = \*ptr; //temp=B

temp = \*(ptr + 1); //temp=C

ptr = blocks; //ptr=4434

temp = \*++ptr; //temp=B

temp = ++\*ptr; //temp=C

temp = \*ptr++; //temp=C

temp = \*ptr; //temp=C

return 0;

}