```
7. #include & stdio h>
  int main ()
      int n, i, el = 0, e2 = 0, e3 = 0, x, p, min, l = 0;
istruct istudent
           int elec;
char name (20);
         far [100];
      paint ("Enter the number of the ishidents");
scanf ("% od", &n);
print ("Choice of elective: In 1-IDT, 2-Advanced
Java and JZEE, 3-Advanced data structurois");
      for (i= o, ikn., i++)
            painty 1" Enter % d studends name and the chice of elective In", iti);
```

scanf ("%s%od" ar [i] name, far [i] el ci). elec == 3, = e2 & 8 e1 <= e3 < = é148 e22=e3 1=e2 &8 e 3 <= e1 mirtf ("Enter the course number In"); iscans ["%od", 4x); printy "Enter the Names of students who have opted for % d: In", x); for (i=0; ixn; i++) Britt ("%sin", ar (i) name); printfl"Total number of students in 1st courses printy ("Total number of students in and cours Deriver l'total number of estudents in 3'd course if (e138 & e2) = 388 e3> -3 l'Course voill not be floated

Scanned by TapScanner

Please select from the other 2 courses n"); if (e2/3e4e1)=38+e3)=3) paint ("Course 2 will not be floated il (e3x388e1)=388e2)=3) ("Course 3 will not be flooted. if (min ==e1) prints "Please select from course 2 and 3 ln else if (min = = e2) print ("Please relect from course land 31" else il (min = = e3) Print["Please select from course 1 and 21"

ar [i]. elec==1 Dorli=0, un; i++ course Name % usl n", ar (i] nem scamp ("% of od", & ar (i) en();

if lar (i) elec ==1)
parint ("oloush", ar (i) name); printf ("Studente in 2 elective(n"); for (i-0; ixn; i+1) Bring("% dec ===2)
Bring("% of sh", arti), name); pourité ("Students in 3 élective (n'); fouli =0; (xn; i++) if (ar [i).elec = = 3)

print ("%)ous [n, ar [i], name.],