```
2) write a program to facilitale dynamic memory
   allocation [malloc, calloc, free, nealloc]
 # Include (stdio. h)
 # include (contach )
# include (stallb-h)
int main ()
       int + 1+ + ,
        int noi;
       print F ( " Enter 5 dements: .fd \n");
       rtr= (int x) calloe (n, size of (int));
       it ( 46 -= Mall) or 6 4646) +:
          print + (" namony not allowed"),
         erest(0);
        point (" Henory successfully allocated woney
                  (alloc');
        for (i=0; i Ln; ++i) {
              private ( " , ptr (i1);
          ptr (17=i+1;
                                  he away were: ")
         privat (" The dements of
         for (i=0; i < n; ++i)
```

prinet (4./d4, ph (i1); print + (" Enter he size of the aeray: 1/d \n " - "); pto- (int *) sualloc (ptr , n * size of (int)). printf (" Memory successfully me-allowed "); for (i= 0; i < n; ++i) 2 etr [i] = i + 1; printf (" The dements of the average core: 4); tor (i=0; i < n; ++i) } prinet (4 .1.d7, ph 111); being to (at more) ... free (ptr), (and got and) of the same reline o; (* M + M) + Many -) output Enter number of demants: I nevery successfully allocated using calloc The doments of the aerolary 1,2,3,4,5 anter the new size of averay: 10 using sualloc nenory successfully realloated