```
1. /* 1. malloc() */
2.
3. #include <stdio.h>
4. #include <stdlib.h>
6. int main()
7. {
8.
       int i, n;
9.
       printf("Enter the number of intergers: ");
             scanf("%d", &n);
             int* ptr = (int*)malloc(n * sizeof(int));
11.
             if (ptr == NULL)
12.
13.
             {
14.
                  printf("Memory not available.");
15.
                  exit(1);
16.
             }
17.
             for (i = 0; i < n; i++)</pre>
18.
19.
                  printf("Enter an integer: ");
20.
                  scanf("%d", ptr + i);
21.
             }
22.
             for (i = 0; i < n; i++)</pre>
                  printf("%d ", *(ptr + i));
23.
             return 0;
24.
25.
       }
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