

Oop

Assignment-1



Name: Talib Husain

Roll# 21F-9070

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Declaration | Address of initial double Pointers | Starting  address of  array of  pointers  pointed to  by the  initial  double  pointer | Size of  the  array  (Bytes) | Starting  address of  each row  being  pointed by  each index  of the array  of pointers | Size of  each  row  (Bytes) | Total  size  allocated  in  memory  (Bytes) | Output of  \*(dim1+2) + 3  (In your  program) |
| Int \_ptr | 000000501114F9B8 | 00000229501E14C0 | 12 | 00000229501E14C0 | 16 | 48 |  |
| 00000229501E14C8 | 16 |  |
| 00000229501E14D0 | 16 |  |
|  |  |  |
| Double\_ptr | 000000501114F9D8 | 00000229501E2000 | 24 | 00000229501E2000 | 32 | 96 |  |
| 00000229501E2008 | 32 |
|  |
| 00000229501E2010 | 32 |  |
|  |  |
| Bool\_ptr | 000000501114F9F8 | 00000229501E1880 | 4 | 00000229501E1880 | 4 | 16 |  |
| 00000229501E1888 | 4 |
|  |
| 00000229501E1890 | 4 |
|  |
|  |  |  |