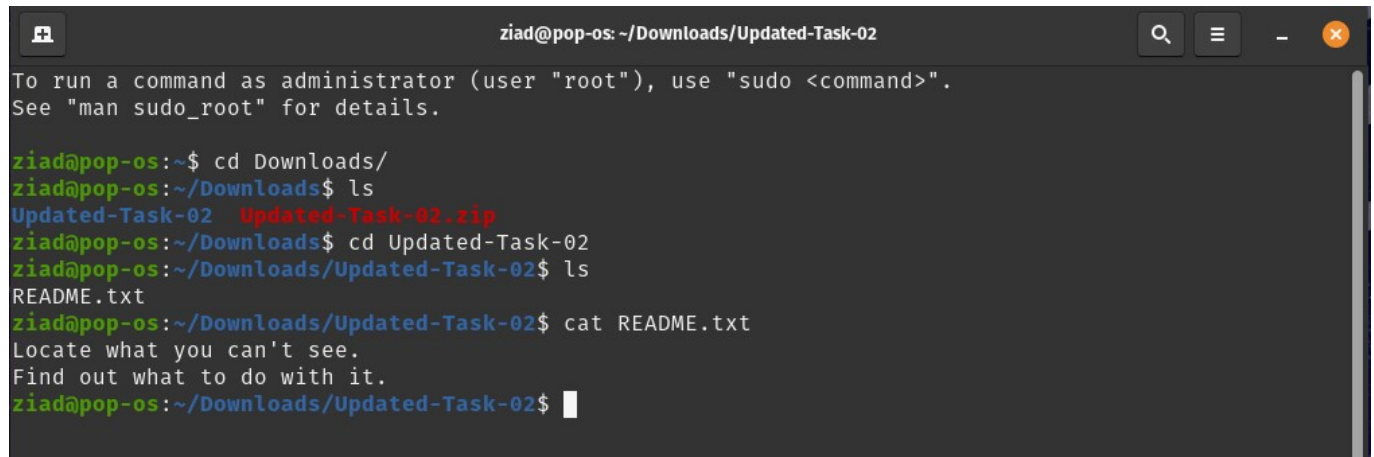


# Session 2 Task

---

## 1. Opening the Task Folder



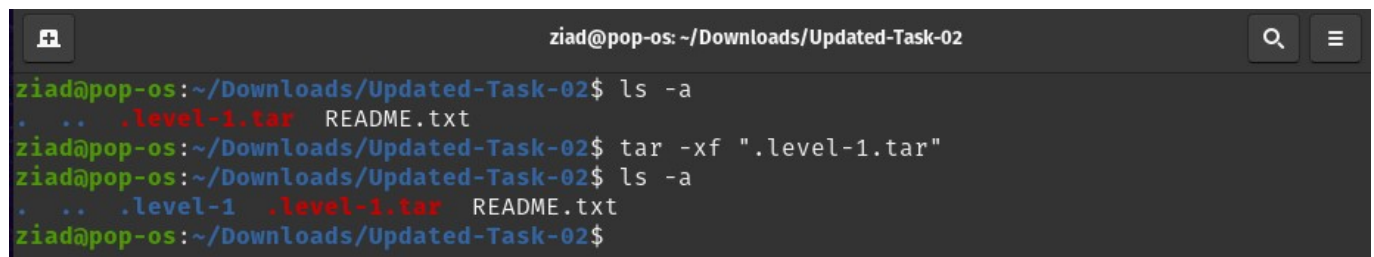
A terminal window titled "ziad@pop-os: ~/Downloads/Updated-Task-02" with search, menu, and window control icons. It displays the following commands and output:

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ziad@pop-os:~$ cd Downloads/
ziad@pop-os:~/Downloads$ ls
Updated-Task-02  Updated-Task-02.zip
ziad@pop-os:~/Downloads$ cd Updated-Task-02
ziad@pop-os:~/Downloads/Updated-Task-02$ ls
README.txt
ziad@pop-os:~/Downloads/Updated-Task-02$ cat README.txt
Locate what you can't see.
Find out what to do with it.
ziad@pop-os:~/Downloads/Updated-Task-02$
```

```
cd Updated-Task-02
cat README.txt
```

## 2. Locating and Extracting the Hidden File



A terminal window titled "ziad@pop-os: ~/Downloads/Updated-Task-02" with search, menu, and window control icons. It displays the following commands and output:

```
ziad@pop-os:~/Downloads/Updated-Task-02$ ls -a
.  ..  .level-1.tar  README.txt
ziad@pop-os:~/Downloads/Updated-Task-02$ tar -xf ".level-1.tar"
ziad@pop-os:~/Downloads/Updated-Task-02$ ls -a
.  ..  .level-1  .level-1.tar  README.txt
ziad@pop-os:~/Downloads/Updated-Task-02$
```

```
ls -a
tar -xf ".level-1.tar"
ls -a
```

## 3. The Second Task

```

ziad@pop-os:~/Downloads/Updated-Task-02$ cd .level-1
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ ls
level-2  README.txt
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ cat README.txt
Decompress "level-2".
Hint: Most compression tools require it's suffix.
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$

```

```

cd .level-1
ls
cat README.txt

```

## 4. Decomposing the File

```

ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ cat README.txt
Decompress "level-2".
Hint: Most compression tools require it's suffix.
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ mv level-2 level-2.tar
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ ls
level-2.tar  README.txt
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ tar -xf level-2.tar
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ ls
level-2  level-2.tar  README.txt
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1$ cd level-2
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/level-2$ ls
01VzXctEZS  a8WkwwNNRJ  DQ3kjlGCUV  Gf0hDzawoe  L3QwW94Azo  OQUNDxbuAf  TynxkdcmfZ  x20xGPBNwZ
09tuxAukSZ  ABtp0P8TR9  dW436qn2Pa  Gi0sWVVQME  l6FQ8rGXcW  P9w2t9K9Ju  u8APo7fuFv  X7by8vw474
0Maq8h51eE  AbyVd8kDq7  DWahK49MnT  Gqe0r84K6i  l8fShvYkRA  PBQjGeeXZ2  uCBBCPmb2  xiRKbhzAt6
1Rc48mLISP  aD09T4P1xb  dwmlaLoghH  gUm1Kw3MsJ  lcVizko01R  PDsc45eDhU  uH7zN1UJSF  Xnmws6DuHJ
1t7LeNzeIl  afHUHOaYAb  DYcdqY7wJN  GuxvN3cJ7U  lvEy6vrtZe  po63smRLBt  UkoXWLt8ck  Y2WinDQzOb
2dBiyDY1PQ  AKf6S1hWVZ  E0bi5j8X9V  H2T51vp6XT  LXdwN4DGye  pptcUXKeGS  UkXg7Lp9iV  y7U81AE7BP
2tqNyIRWZk  AofrZBGKhB  EC1LKYOR0Z  HC3gnSrNHL  lxQpP8fJrM  pRQVevx1kv  Uo2uLQHfWm  yc0GFVKDtL
3aI6ZRwi7g  aT60ddrPAR  ECIShbzsBE  HDe7NHRINO  mIQgRJXCLP  PVhcqo825N  URJcbPH7ig  YH3RBGocdA
3HCLX3dFmM  AVR4c0JJui  EDPOSQuyWk  HRHgAeIQKP  mLD2604WjZ  Q6QURkVvYf  uUeLfbjNyx  ymuoARLeFH
3nhuQz0gpI  AXkz0y8ZzP  EJd4UALueA  hSM9mQuMTH  mMwQyrbtaZ  QIGyaTtmlW  UUrQyToe6M  yWegzIJDbB
40Mg6vDbYN  b8L3KxPJL3  emEeo94yqd  hynub0MKNL  Mn1k5s3x2R  qirM8dLKSD  uYt23HMkvu  yWY8iLmL2v
4bq72IzcAj  bc83b2Byu2  eRz0wDJzB6  Ib1jBtgkP4  mTJfXGhibA  Qv3QTzvZC1  v2LInrvkD0  Yx2Publ2gA
4CkU8prXze  BeSbKu00gb  Etsj7NECd9  iJfohlDIrt  n80qgsvhlQ  README.txt  v9kNm4bENT  ZDe6elrEn5
40AvfgFenY  BsdD4oJkC  eTY7qTsykD  IXzIL2c9IA  n8QxXKvUat  rHC2JXoQSc  VkL2bz9W98  ZgiaL4uWSD
40mq9FLd1E  bvSabnQtuB  evJEy0ce9D  jBzWCGWF1u  n9Gy45gDYd  rjS1PORSqI  vm5P2xLF3s  ZhfPKBCn6B
4TqWZorrCe  ciyaIBrj64  f4sJ94QCRL  jGu9MApzJB  NABe6RrZS9  rn4s52k0C0  VMVoKBX4Qu  zQ85ieoBzD
54is18fJ6D  clktsGviqW  F7HxYnLwa1  JiMesLx4P0  NB8PtjcBPu  rnTFX18Jh9  v0cM3EYMXw  zTpHfLQtBt
5CnJF4NcXe  CoX02qfhv8  feBbPjPHsA  JVucZ5s2s0  NuvecJk6rH  rTAKta2aW2  vU0JouKqL9  ZwCSnEFDCS
6jKgIUUWgx  cqXENw21F1  FKtcWd8ViA  jzjKDCAuJh  nV9Fht2ABW  rzz4HDYtQb  VxWCuMyoCO  zX0U7yVyjx
6LythIyWzQ  cTJdoZGT00  fky7p46D0i  k0KGHDEFmp  00Jt20BDT8  s82TBxnZgd  w9ophYtx44
6QcByCct9B  cUJtGyfwcE  fSikeo7Jtz  KNXMn8sBL8  o1hEPIsnq0  SkWL04DmJj  waa5BUbyJL
7B5l8AC1M8  cuL74htcTP  fTBdzWqgkc  KO4TANambB  oSzlufZkcg  soPx5vmfvS  wfbzcln49x
7dnQ00Z0ZU  cYLRn08xIB  FUSxQX2TeD  kPIkdmGR9B  oATDmz0CAK  SpGacqvoQe  WU2NIZw5bL
7f6nrbsyXM  D240Im7S6f  g18DV62WeD  kr6RDEYced  OBfROJ7kKU  Sv7z35zbDG  WWgF2QTu1U
8HuZDGuf7D  dcWFp0gN0U  gB9k104ZT6  kuDj7Ti4Id  OEQ9RG7Cam  T4TiKdPbRw  WxGYCzojb5
8lNsnCDmgT  dkbSpLYJE5  gBT5u0vLT5  kvQzoTdmB0  oLDXrxU8tn  tmDRcrdYa9  WzkBDyZf09
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/level-2$

```

```

mv level-2 level-2.tar
ls
tar -xf level-2.tar
ls
cd level-2
ls

```

## 5. Locating the Third Task



```
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5

ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2$ cat README.txt
Locate "level-3".
Use a general method to decompress it.
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2$ find . -iname level-3
./gBT5u0vLT5/level-3
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2$ cd gBT5u0vLT5/
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5$ ls
level-3
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5$
```

```
cat README.txt
find . -iname level-3
cd gBT5u0vLT5/
ls
```

## 6. Locating the Forth Task

```
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3

ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5$ tar -xf level-3
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5$ ls
level-3
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5$ cd level-3/
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3$ ls
00aBxtql7r 6mpTfHgnlX Bb0kZiWxDz ePj0HMi3nh HXq7gqQZ5Z K56S3V4AQ6 N5LXyVotHN pH9s3o8foP sVyNLUXzut WSxUR7IJd8
0aba2tPi4R 6vignp6VM7d BbreWoCXsv Eqk382soFH i4CkeVfT7S K9kyHBbw7y nBoQgGxoGX pI49N7Zoxn T0gYx5T5ks wZ4LJKpHW6
0QYBUNJixX 6ZJgIXN3P0 bduLsR7v4K eT21MMr22o iCR4qC97HM Kfce3CFjhh NdkrRTZmr9 Pmf5TqkkYg Tbi1MdwIMX x2CDPgZ6Jk
17pF04tY4m 71qxiSKgAY b0KXTvk63r eT909HWyck IE4xWwbydi KJBDbwTmZD NHag0dTW3U p04Lt5DPrX tEgA7tGwxB x3Nvoy3Ucl
1NBA3mJTQC 74gKRNrKVf BrJvEu79eg ETRyNzIpyk iLRiUk1Fi kkIu8kVXLo nlGqxKuRC3 psmL4dk69Y TezFlyJ29o x3SksxfEitU
1pnvifRmA6 77RwxhcZTx BTf86zJ5B3 ev8BCScTma IKEqpTmvmW k0IOppD8hx NLM96g2hH3 pXXxEwCkKz TFkiwAHDrg X62Vq1yIyL
22ix6enm8X 7C40yiuqc4 byVoAmioqs F5Db7l8s9j io0e8b7TsJ kp1ujuDGK0 Nmuh6DvLkc q4gh4nODZa Tt0xmDrg4Y X61kChFKsj
2GsF4KnlPG 7nMGZvigil bze36b6xJZ F90YJjkGiB ioPlykVsBo krWRfTvYDP nR711EhtMu qF00JDSF0N tZCE2HQg8s XapfbudtZp
2IFaRh0Jxc 7PFGHcmfa2 C5KrlOGYlu fCLOGDR05y ip23ESdwGT kT3eEAFvCY nSC90kT1E3 Qh9GBAd3mF uAw4PKT7E0 xBsGYZHomA
30ms0oUqJf 7sxFWd2jGw cDfz2IGULi Fdvgo1aqTT IygdCtaoYP kwmQK5z76U nwt49CVPtE3 QM053Y9Vw1 udqz57oeuX xigSiLU79u
3Ig28f7Xa8 82aRYKaCZB cf1AG2dtLr FeBBLsJEYS iymCtoFUVF L5D0n3iY18 0009zeKkif R0LPa1qK4F ufdeX2Dk7C XkrAGaosYZ
3SSDrwrwmt 88exEg2MMo cjcKUQDGLL FJsgRBEwbJ j3JsNAESm1 L8ZzpZTLz5 00V7mQCicJ R6okint5JZ v2ME2J4GuF xRxKkdCTU8
3TpnDd6PaY 8IOqsSAWIo cKiyNtE0yD flbjrqIXMS J3K5BY52dp LeUtlclmE o6Q2i1NUXc R82WkcyQAx V64A9vKnYq xYCPoSRLsl
3wTdqmDig6 80LYkd5ai0 ClbTpoHwVU fn95Z2sg3o J5feTUwPso LKfMizQQJE 0AbH1oFg57 rcEkx0b0WC vka0ISlk2I xYlmcCE5f
3XXNloi4gV 8u4f62oAYb cStCISSELL FYrh0rmC4q jahdjQ754b lowIuX2RQI 0aRp7TV8pe README.txt vLWtq7N2aR Y0nB0Ep1my
3YhvETOVcv 8X1ovLX6ex ctn0oPIga1 G9UhkYNLgv JArjmQWPVq Lth4X99Uw3 0bIefWWqqM rgNTkxVknN VneCQhwmfv y1IAp2YdZc
4JfFnUBgyGR 9CA6eRBprt cWRi45wacA GaMed1WIDN JBDnoFKLcx LZ5jebusoa OFx3U24MoP RnL5L0QLbY vUbrKBbYLKR Ye8R8ZovJ9
4vG2fYly6B 9GqYmpQsAS cWZv9iI87X gcb0bflbVM JbMcWq9tku M1vV6QxnH1 OHWTswrtBk RPZAvV75tm Vw5Jm3saUP ygasPrK3kG
53IaK7n1np 9my7brVWmo cX6YaQFDfY gflQDXjJAW Jc0EEC4sua m59pSiQG2p ojc7SulZMV RU4rJzJPfg v21uLzTKj0 YgeyHmPrtp
5H50Lda8qe 9NNnGuH7A1 D5JYr3I592 Gksn5ca8Jn JgVwSWAUsr m7lRdpRTUJ orzpz7CBBQ RWWLnFwGtv VZw2jtUdZD ysd0YcYqQ
5ME7YKChsa 9QBLcfEf91 dBJSXZmpb1 gOWuBZZgn2 JlhNaDm4f7 MaqkHpS39h 0u1q6z0h5n rwZwqdxHhJ W6AdwbmalK YVAPjrh8Up
5tAchjHlme a6HPpy5Mz5 Dd9KxIjxCB GPaN65ikSl JnoT2WHKbE MKQErXMKpE oV3aef60UL rz5TDqa7oV WfUKyzFeEv zEmK04yIqc
5tJn01Mwzf A8SgBitLRB dk320XCmR0 gu78Zpnknw j04wGMT57 moQuvVMB1f oXZ300GJ70 SaaZymLdoG WfYKhZdocx zenzUsQydr
5VoPA03kvi aFjSvqXqWE DKiaUm3WBb gu92R3c92I JqAekDHYif mRET49bBGR oZ5H0Qe6X0 SaQtX8SNld wgiBrPHhJq zet1AFehNl
6A3pbxHykm AI8sfDgnHT Doi1I9Z8TE gupiP0sJzC jrmKuc0mtp mu6c42Y1qo p194n4sSpi sf7ajd5INC WhTtCYas3M zghxQE4JGJ
6C8RwQ9kGP AJtW9NCRLy dqbkKdKbZL hb4zKjD5G4 jVBkVABTHJ mwILtJpHP p3ARv1oq4F skVRxkHK04 wJC19bchr2 ZNq1fiVP6F
6hnWZbzo0I ANRCGwDkvK dtLZdgLPV3 hBv1LejGku jVGv0HeZVG mxG418at98 p6PVEBfSyK sNrtW0eiZF WLuasYnMvP zTfi6AwgZQ
6JPHCI1K8M ayHSb1kJnd Dux6SHddCW Hf8ovJhWki jvyPQ8Z8ht mydABLWyl Pa0zJn0sJV SqAZPx7CbA Wm14GdEGcm zxmnlKdpmY
6lie6mPCRE b4BF572o41 Ehm7bcCxj1 hGceu2NgZ5 JYdPDFp0ie n4d9SlszcV PDJdFxfgvh SRgPbWeEG6 wpJyCPL0DS zZgiKI2xSS
6mnK6keHIi b957oPA24t epBL6naqQR HuSBc8QKYi k2yYJNqCLu n4MCXv5XM2 penDnjNMQC sRhTcN4PIw wpoGQ7WmSg zZU6ymQky6

ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3$ cd X6lkChFKsj
bash: cd: X6lkChFKsj: Not a directory
ziad@pop-os:~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3$ cat X6lkChFKsj
73 bytes is your target file size
```

```
tr -xf level-3
ls
cd level-3/
ls
cat X6lkChFKsj
```

## 7. Getting the Final Result

```
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3/m7lRDpRTUJ
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3$ cat X6lkChFKsj
73 bytes is your target file size
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3$ find . -size 73c
./m7lRDpRTUJ/xVMvVOKNW5
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3$ cd m7lRDpRTUJ/
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3/m7lRDpRTUJ$ ls
120400idSW 8VB0glwYod CZvLOVIh07 HdCe5ZBwRJ J18pILZSbj n0WG0kEz4U PMp0LDQTYx SFaRukfNK5 TylxxsM72k wTiXKTqwfc
1bCCZRGCP3 9HqP1kDuSl D5g23jQPVs HHJQG3WBVK j7QpDNmBD7 N1fQlnGzCp PWLFYrquMP SIiBVT5XpG uhJnWqqhFH x0tflVoEo0
1tLJoXdFex a6KN771BPV Db0xzdWwvV HM1rw0RpJv JE6hnwqIgj N7xJzk6WzX QOW3NTbkjY ssa1bacp3F Ui0dXPQLGg x9CSQNEVjE
2WF03Yxdgm ALQLa7wIM8 e6Tw4G6vkb HqTpd7tcQ2 K8QCoBIctX nbkg0Tbooi RaXvrEJu4H svoTVwu3Gh Uw0GGZm5YB xDpUAdVCLC
3YM1EHLZON ApKtojXYfl EAWdAFGbx f hyIwkpJEDN knoH0HY78g nlc56s7edL rEbxPsvJxP SXfN5VyJC1 uXSht4UW0r xK04p8WwNC
4RHGy6IOSt apvmVmfiQP ECBxKuouhR i6u30xsp92 lvwScjhd7D nNDDzbFDgI rEgcbMGD1X TdfHEaeirn vd9wQvpzfs xVMvVOKNW5
5UoS4swAbg b4bMOBBravk ETzNsIhFSh iCpJ8wBQq2 M1zxvvd1eC OAHigcx0jY rGhJCRs7FJ tIMSwkYsun VfkLDe3f33 ybI2S3pZFm
60SWKf61He BdHMXUF3Kz f2eGz5NKur iDt7gCIQOV m8q6s6W0xG oLeRCA0aT4 RTZ0Q5Fvz7 tiStWqDaVb vjhekqgloC ymqTENE3jY
6m74yd7ci9 Binpmv9laL FjhvGNg8Rw IkD0Kc93ts mn3e6Ukeu5 PAYQtX6GB1 rvcjXWfVMX tntCZ8u1xi vRbJN3oCei yUrN6JREYC
71dGwY7RAS C3ZCLEZzrq GAVRS0hw50 IVmfWnZKGu MoyiOwLVjv PB0DYshX73 saw1DfRZUf TomKpe0mD0 WAPVSLBGjp ZbG73LampB
74nsBmhMC3 cmlc365V3X H0As0BrH5Y IZKbNTU02o mTwkfdKUxV PmB4iJFTFB se5SfDz4D8 tx4RZgKOLD Wkh2swDjL7 ZPjJENA107
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3/m7lRDpRTUJ$ cat xVMvVOKNW5
Congrats!! You have finished the Task Successfully, you can rest now :D.
ziad@pop-os: ~/Downloads/Updated-Task-02/.level-1/testo/level-2/gBT5u0vLT5/level-3/m7lRDpRTUJ$
```

```
find . -size 73c
cd m7lRDpRTUJ
cat xVMvVOKNW5
```