- 1 C:\Users\malateef\Desktop\HybridImplementation\venv\
 Scripts\python.exe C:\Users\malateef\Desktop\
 HybridImplementation\consolidatedApproach.py
- 2 Enter the password for the private key $\ensuremath{\mathbb{Z}}$: abrar
- 3 ☑ AES Encryption Complete. Message encrypted: b" Subject: Progress Update and Request for Further Guidance\r\n\r\nDear [Guide's Name],\r\n\r\nI hope this email finds you well. I wanted to provide you with an update on the progress of our project and discuss the next steps.\r\n\r\nProgress Update:\r\n\r \nOver the past [time period], I have been diligently working on attaining the ecryption and decryption using the most feasible approach of having both the operations handled by two different files. \r\n\r\nI have encountered some challenges along the way, particularly in having them synchronized, but have successfully overcome them consolidating them like earlier but with an tricky way to handle the keys.\r\ nIn my previous approach the system was generating the keys and auto-injesting them everytime the program is run which is totally absurd from cryptography ethics pov. Now that I\xe2\x80\x99ve corrected what exactly was the oversight, its fixed and the progress is in https://github.com/ lateefcode2101/Crypto-Fusion \r\n\r\nPlease find the below \r\nNext Steps:\r\n\r\nAs we move forward, I am planning to focus on [outline your upcoming tasks or qoals]. This involves [briefly describe the tasks and their objectives]. I believe completing these tasks will contribute significantly to the overall success of the project.\r\n\r\nRequest for Guidance:\ r\n\r\nWhile making progress, I've come across [specific issues or questions you need guidance on]. I would greatly appreciate your insights and suggestions to overcome these challenges.\r\n\r\ nAdditionally, I am interested in discussing the overall project direction and any adjustments you might recommend. Your quidance has been invaluable, and I am eager to ensure that the project aligns with your expectations.\r\n\r\nAvailability:\r\n\r\nI am available for a meeting at your earliest convenience

- 3 to discuss the project in more detail. Please let me know a time that works for you, or if you prefer, we can communicate via email or another preferred method .\r\n\r\nThank you:\r\n\r\nThank you for your ongoing support and guidance throughout this project. I am committed to delivering the best possible results and value your expertise in steering the project in the right direction.\r\n\r\nLooking forward to hearing from you soon.\r\n\r\nBest regards,\r\n\r\n[Your Full Name]\r\n[Your University ID or Department]\r\n[Your Contact Information]\r\n"
- 4 🛮 RSA Encryption Complete. AES Key encrypted: b' 2f1a3a11c1f3b525be2378dab2f9651b'
- 5 Combined Ciphertext: b'\xd6)-\xeeT;\xc0b\xech\x8a\x0c $\xcf\x96_\x15\xa4J\xeck^\x17\\x14\x1f1r\xcf\x0b\x85\$ $x9a\xa7\x96\xea\x16\x0f]&\xc5\x02\xf83\xe5\xac9\xfa\$ $xea\xd4\xb8\x88\x8f\\\xb8\x16\x9d+K\xce0yzE\x06\x9d$ $^\xc6\x07=\xf8\xe7Y\x91\x82i\x8c\x11q\xd4\x18n\xf2\$ $xdf8\r/\xd1X\x97\x19P\xc6\x05\x92\xc5>\xfb\xc7\x8e`$ $xa6\x84\xf9\x7f\xe5\x81n\xac\x9d0\x87RXV\xb4\xc6\x11\$ $xb7\x8d\xadc\xfd\xa5\xde\xab\x02\xcd\xd8G\xd7\x82\$ $x83\xac\x00\x9d\xd6\xc2T\x85\xbc\xe2\xab\xd1\x15\xfe\$ xcaY)(\xe8\x9d\xbe\xc7\r\xdb\xbf\x1e\xaa\x85\xfcERn\ $x98\xe0\xbf\x1bg\xdb\xd4\xea2H\x9eD\xcf\x1b\xad\x80\$ $x90\xee\xf2\xd9K@^\xe8\xa4\xdeE\xc1\xc1\xde\xac<\$ $x9732\xe0\xf8B<y\x06\x9e\xdc\x14C0\xb0\x8c\x95\x85\$ $xd4hS\xb4J2P\x8aJ\x01\x18\xa5\xd4t\Zq\x84\nl\xf8=\t:[$ $U \times x^2 \times x^7 \cdot x^7 \cdot$ $x86\x81H\xc5\xc6t\x1aKq\x03\xf4\xcc\x8c\x8e\xc0\xb3\$ x11], $xe5[\xcb\xe2?\xde0\x0e\x0f\x8b\xab\x8e[\xb7\xc0]$ $\xe8rx\xfa\x80\xb7\xe3\x11\xdf\x8d\xb9+8\x97+\x85y\$ $x9f\x900\x1f\xf3\xd2\xcf\xbe\x921\xe1\xdb3\x0e\x03\$ $xd6\x8c\x93e\xa6\xcc\xe1I\x99T0\Q\xa1\x88V\x8c\xcb\$ $ox\x9a\xc8\x92p\xca\x93\xa6/\xdb\x97\x8e\xcf\x92\xcb\$ $xdf\xbd0\%\xc4T"\xdf5\x11\x91\xaa\x9f\xd5\x97\x82!\x18$ $:A\xbb_.\x82\xa8\x00\xad\x19K\x1c\x8dM4Xm\xc8R\x9fG\$ $xd9D\xba\x94\xc4\xa8\xfb\x1f}\x84@cn:\x12\x98\xfc\x91$ $\xb9j\x1dW\x0f\xb3\xad\x99\x14\xb8dq*\x9d\x8b\x05G\$ $xf6\xc3\xaf\x97eX\%I\xc5\x81\x16\xd0\x96\xab\xbd\xc2$ $\x05\xa9\xec\xef\x16\xe3\x07\xc9\xd2w\t\xa6\xb4\xad\$ $xcd15\x08Z!<$ \$a\xe7\xeb\xe8\x1f\x9e5\xac\xae\xa5,\x8e+

 $5 a\x89I\xda\xaca\x1a\xa2\xf7.?\x8c\xf8\x1c7\x0e\xcc\$ $xb8y\xb6\xa9\xfe\'1Kp+\xb5FR\x91\xc58*\xcb\x1b\xd4f\$ $xea\xa0\xfd\x8b\x1d\xad!I\x97(\%2\x07\xe9\xaf:\xc7$$ $x15\xbb(\xc0{=}xf8\x9e\x0bl\x00\n\x99\x18\xbb\xd79\n1$ @\xfaR\xe5^\xb7\xb5k\xaa\xb3wl\x1e\x90G\xaac7\xb5\xd1 $x16Kx02\xba\x04\xea~\np\x96\xf6\xa7\x19B\x80\xcbCL\$ $x81\x87\xab6\xce7]p0\x15\x8f"(\xc9\x8e\x13\xe3\xf2N\$ $xc5X\x1b\xf5\xd2\%\xf0\x86\x06\\+v\x9aeY\x83Rd\n\x17\$ $x9a\xfc\x80"<\x82^\xb29XV4\x950\xff\x99\xf7\xaa\xef$ $^{\x}$ \\xcb)\x1e\xf7\xa6\xd6\xac\xb7\xb3\x8f\x005\xe2R\xf4 :\\\xba\x0b,\xb4=\xd8\xbd\xd6b\xf5\xe8\x95;d7\xf8\x12 $\xee {xfc: xe4} xfe8 x98{E} x8dq xd5 xfb x95 x04. x95$ $x9b7\xc1\xa1\xfc\xdc\x89\xfep\xc5\xa3\n\xd9\xdb\xec\$ $xa5\xc9W\xb3ML\xf7\xca\xc0\x12\\x9a\x97\xd6\x12\x02\$ $x81!\xee\x1bw|Q6\xc8\x8b\x95\xd1\x91\x8ef\'2\x0e$ $\x f8\nA\xcc\xf6\xca\xc83\x02\xf3, \x 19\xc6\x0f\x15D$ $-\xd2+\xd8\xb1\xadAk\xe4b\r\xf46\xea\DZ\xad\x01\xaf$ $\xspace \times 11\xspace \times 11\xsp$ $xff\xa5\xf3jDc\'hy\x1b\&e.\x8a~|\x96i\xb9Ux{\xaf67X}$ $xd6\xfes\x1d\xeb\xb2\x83\xdd\xfa\x0f\x8bF\x9f\xc22V8\$ $xe8^J2\xc0\rFm\xa2\x15\xd6\xe5\xf5x\xd2\xa4\xa0=`\$ $xafI\x0e\x01\xb5\x03\xfd\xcd\xe9\x87\xdc\xbf\xb4\xa0\$ $xa3\x00j\xb6,\xe9jJ\%\xb8Y\x8b<\xed\xdb\x98rA1\xa2\xe9$ $\xe7#1\xe5\xa0\xebj\xbb\xe2\x1d\xf4\') \xfc\xaf\x93\$ $x8b\x86\xe1q\xe1\xc9\xc9\xf7\x92\'G\xe4\x13\xa2\x84$ $\\xbf\xb9!\x92\xc3\x8eP\x1b\xf5\xf9\x9fWS\xf4\xcf\$ $x0c\xb50\xf11J\x03\x03\xdf\x8e\xa9\xb4\x80\xd1\xe8d\$ $x94\xb4;\xc0\x1c\xc5\xca;<\x10u\xdc\x10\xb8\x05 o\x0f$ $\x05\xfc\xbe$W\xb0\x9b$\x18\xf7\x9b\xd1\xbc,\xc7\x1a\$ $x00\x8e>HHY\xff\xdd\r/=N\xdf_\n\xd8\x06\xe5)\x87V\$ $x99t\xd4\x81bc\x9c\xfclI2\xd2\xec\xa5w\xb30\x0e\x17:\$ $x86\xd4\xda\xbd\xf2\x17[\xfct\xe7\xc3\t7c>JE\x99\x13\$ $x9a, \xd4\xc0\xb2\xbb\xda\x8f\x04\r\x1f\xd8\xeb?<Qb\$ $xc4P\xd8\x94c7\x0f}\x07\xec\xaa|\xb6\x7fx\t\xff:\x13G$ $xf9\xf9\x91\x84\x1c\xed\r\xe1R\xec\xdb\xf7\xbd\x92\$ $xe4\xc17\xd5\xe739[3\xa1\xa1\x12|\xb5\xd1E&\xc3u\x98\$ $x1c\xb1\xa6\x84\xf7\x0e"l\xea/\xdcMB0\xf3Y\xa2\xb4\$

5 x9f\xb05\x9aEr\\\x82=\xf5\xd2\xcbm\x0b\x94R;1?\x11\ $xb5\x8f5\t\x90\xe5\xfe\xd5"i\x8aH\xad\x97dN\xefU&\xf5$ $\abla x01\x19\x129\xab\xf1ac\xd8\xe1\xd2\xe2E\$ $x19LE-\n\xb2\x7f\xc2\xdebv\x19\x16\xdd\xa4\x0e$ 1dF\ $x1dJ0x\x99\xec\xa7I8\x12\xd5UK\x87\xb5\x0e)\xac\x93.$ $xb3\xda$\x81\xb2\xac\xf0<T0,\xf8\xca\xfcN\x08\xebKV\$ $x94f^{\alpha}xaa\xff\xacugs\x15\xd1L\x10\xe0\xe9\xfb\x17\x84$ $\x11\x15\xa4\xec!\xca\xf8\xc0\xf2o7\xe4\xc3\xc1\x98G$; $x8d\xf0F.Q\xd5z1\xfc\x00$.\xfd\x1do\t\xb4\xd4o7\$ $xd0\x9d\xf6\xc3\xb0\x17\xdfP\x03\xabMh\xa5+\xe9\xd8\$ $xdd\x05\n\x1a\n\{\'\xd4<G6K\x9b\xac\xa3\t\xc9\xae\x1d4$ $\n\xf2\xaf\xa0*\xbbz\xb0\xda\x97\xeel\xf9\xb4\xbb\x84$ $\xd8\xe1\xe1\xe8\x99i\xe0\xd4\xe5x\xd9e\xc9\x10\xe2\$ $xb9\xe5\xe2p\xc3\xe9\k\xbc\x0c\xa1p\x7f\x89[$ $x87V/J>T?\x04\xcc\xbe=E\x07X_\x86\xd8\xc2\xaf\xf9\$ $xcba\r&c\xc5eD\xcf\xdb4\x18\xfd\x98\xf3\x83\xeb\(\xa3$ $\xf2\x1d\xf7Z(\xf8T\xe1\x90\x0e\xe4\xafc\xbc\x10\xf6\$ $r\x81\x9dD\x9c\x1f4/\xd7\xc8\xaei\xc0\xc4\x92Q\xefH\$ $x10Y\xeb\xea\x9cr\r\xdaab\x169]mtS\x8f\xf3wmF\x10A\$ $xdc@\xfc- \xcb\xd0\xd1\xfc"\xc9~\xac\xcaf\xc2p\x8e\$ $xa5\x87\x1a\xacs\xb0\xb4\x9f-\x1c\xe3\%\xdd\xa3d\x82\$ $xa5\xc4meP\xf3e\xe5X\xdb\xa4\xb3\xd4\x93J\xe0\xb00\$ $x83p\x04\x88\x05q2\x17Q8\xf7\x12\x83\xea\x15\x00iP\$ $xef\xbe\x06\xc9\x81\xa3\xccH\xa4d\x07\xa0\xff\xa0\$ $xede\xc9\n\xoc\xac\xae^\xd7\xf5q\xfa\xd9\xdd\t\xo1)1\$ $xb4\xc0X\xff\xd4e\xd1\xe3\xf6!f\x0e2\x81\x8a\x04Z\$ $xecD\x03"<A\xa7\x94\xae\xf9K \xbc\xcfb\xb2\x10\xf2![\$ $xff\xf1\xdc9\xa1\x9a\x07;\xcc\x03\xcc6k\x7f\xb6l\x90k$ $\x92\xefy\xeb\x9e\t\x93\r\x1f!\xee\xaf\xad98\x1b0!B\$ $x0b\xaa\xb8\x8a\{K8\xe4\xf8\xea;\x9a\&\xd6\r\x00A\xe2\$ $xc9L\xcf+\xa7\xbb.q\xa4V^z\xc4\xf1\x1c\x11\xe8g\xa9H$ $\x 2\x 6\x 7\$ $x99\x82\xff\xb6\xd5\xb2W\x8f\xb2\n\xd5\x13-5\xef\xab$ $\x94\x02\xdc\xad\x04\xb8\x01\xe5\x16L\xe4j\x98v\xb1\$ $xabE\xe3\x07.\x1b\xdd=\xf5\x12E\x97\xf3\x0b\x93\x12\$ $xf0\x02\'\xf88\xe2Mj\xae6)UhL4\x8c\xae\xbaY\xda\x8e\$ $xe62\x10\x1d\xfa\xe5)\xc2\r\xd4\xd9\xb7\xcb\xa1\xfc\$ $x9c\'x\xfc\x97\xfd''\xcc?\xefI\x91\xe4\xd4F\x80p\xbe$ $x8ch\x19\x1b\\\\x60J\x60\x80\x80\x801T\x61\x13\x94\$ $xd3:\x15\x03(\xffk\xf5\nJoD\xadeh\xebs\x0f\x1f\x1e\$ $xb1\x8b\xac>\xa0\xd4cak\x00\xb0\xd5\xfb\x7f\\xf7\x08$

- $5 \xc4\xf3\xc6\xb5\xea\x98\x82?\xa2\x82\tr\xobu\x06Z\$ $x9a\xfd\x1dn!K\xa8\xcd\xe8\xad\xea\x96\x7f\xa6U\xbe\$ $xff\xff\x80\x95\xbb\xb0\xb7\xfbUv\x00\xc5\xfa\xb3\$ $xc8\x02\r\xee\xbeg+\xb3K\xf48)d\nU\xe5\x15\x05g\xac\r$ $\x18\xfa\xdc\xa7\xe3\x9cZi5\x0cE\x17\uf\xa6\xb98a\xac$ $\xbe\xb3\xac\xefm45\xd5\x9c\xe1\xf3\xfa\x8du\x98\xcb\$ t\xd04\xe2\x96\xd3\x95\x90`.\x1f2I\x93\x96\xbe\x08\ $x9a^Q\xc5\xf9\xfb\x14\xa4\x9d\xabZ\xfa\xd0Vs$/=U!|\$ $x90n\xd3\x93APE5$, \xa2\x9b\xc4\xf5\x1c\x8cc\xb2\xb5\ $xcaq\xa6\x0bs\xedw\xef\x97T-\x1e\x96m*\xe4L8Z\xa0\$ $x08B\xd8&pi\x06\x15\xb3\x1b\ B\xeb\xfc\tz\xdd\x8e\xdat$ \x1c\xaa\x1de\xc8\xaa\x82U\x96\\\xb1\x06c\xbcnt\xdc\ $xff: 0\t\xa0r\x82\x9f\xfd\xbcb\x91\xc4\xa9\x8ek\xe1\$ $x88t\xb6\xfe\%\xe5\x8e\xe2Yq!\x00\xfb\x0f\xe7\x04\xef\$ $xfb|\x8cl\x89jT\xd7\x7f[\xf2\x0e\x03\x99l\x0b\xeaC\$ $xeb\x8e[\x0e\xa9\xd0\xc9"+\xb9$0\x9c\xe6\x8fG$5\x17;$ $UoQ5\t\x91\xe1\x82K\xbc\#\xe5\xd5\xaf,\xa2\xe3\&\x84?lr$ \x18\xd5e\x85\xeb\x11Sd"\\\xf5\xe6*\r&\x8a\x18\xac\ $xcf75:I\x85E\x00\xf0\x91b\xc5\x9f\xe7\x9b\xe3j\xfd\$ $x95f\x8d"\x13?"t\xfc\xe6\xbd\xc32Uf\x94@7\xe5\xbc\$ $x03C\xb19+\xf64R\xfd\E\x92\xe4\x98A\xe8\xf9\$ $xd2s\x86\xff\xecyB\x1c\x815\xc0\xa0:=\xb2\xad\xce7 $xb9\xa4& \xcc:\x99\xcbo\x02\xf4\x95\xd9\xfa\xdf\x05\$ $xc0\xc0\xddw\x04i\x9a\xf5\x87\xf4\xc9\xe6\xc7\xaa\$ $xe0o\xdf\x8a\x10\xd4\x90\xc5\xa0\x08\xea\x95\x1f\xe4$ $\#\x99?\xf5\xa7Fu\xc81{\xd4\x0c1\x8e\x9f\x16k\x84\x90\}$ $x11zC(W''\setminus xd8F\setminus x02_0\setminus x13\setminus xfbq\setminus x05X\setminus xbaP\setminus xa9\setminus xee \setminus x8df\setminus xee$ $xad\xe5G\x99\xb0\x1a\xc6\xa3\xb4\xae\x8c\x17\xd7\xe9Y$ $\xd2\xe0\x13\xdb\xeatX\xda\xcb\xf4\\\x07\xdc\x84\x80\$ $x07\x04\x04\x00\x95\xb9-Pa0\xfc\x90\x81\#\x9aK\xe4K\$ $xe6\x85\x05[\r{v\x9b\xad'}$
- 6 ☑ RSA Decryption Complete. Decrypted AES Key: b' 2f1a3a11c1f3b525be2378dab2f9651b'
- 7 AES Decryption Complete. Decrypted Message: b"
 Subject: Progress Update and Request for Further
 Guidance\r\n\r\nDear [Guide's Name],\r\n\r\nI hope
 this email finds you well. I wanted to provide you
 with an update on the progress of our project and
 discuss the next steps.\r\n\r\nProgress Update:\r\n\r
 \nOver the past [time period], I have been diligently

working on attaining the ecryption and decryption using the most feasible approach of having both the operations handled by two different files. \r\n\r\nI have encountered some challenges along the way, particularly in having them synchronized, but have successfully overcome them consolidating them like earlier but with an tricky way to handle the keys.\r\ nIn my previous approach the system was generating the keys and auto-injesting them everytime the program is run which is totally absurd from cryptography ethics pov. Now that I\xe2\x80\x99ve corrected what exactly was the oversight, its fixed and the progress is in https://github.com/ lateefcode2101/Crypto-Fusion \r\n\r\nPlease find the below \r\nNext Steps:\r\n\r\nAs we move forward, I am planning to focus on [outline your upcoming tasks or goals]. This involves [briefly describe the tasks and their objectives]. I believe completing these tasks will contribute significantly to the overall success of the project.\r\n\r\nRequest for Guidance:\ r\n\r\nWhile making progress, I've come across [specific issues or questions you need quidance on]. I would greatly appreciate your insights and suggestions to overcome these challenges.\r\n\r\ nAdditionally, I am interested in discussing the overall project direction and any adjustments you might recommend. Your quidance has been invaluable, and I am eager to ensure that the project aligns with your expectations.\r\n\r\nAvailability:\r\n\r\nI am available for a meeting at your earliest convenience to discuss the project in more detail. Please let me know a time that works for you, or if you prefer, we can communicate via email or another preferred method .\r\n\r\nThank you:\r\n\r\nThank you for your ongoing support and quidance throughout this project. I am committed to delivering the best possible results and value your expertise in steering the project in the right direction.\r\n\r\nLooking forward to hearing from you soon.\r\n\r\nBest regards,\r\n\r\n[Your Full Name]\r\n[Your University ID or Department]\r\n[Your Contact Information]\r\n"

	consolidatedAppio	aon				
8 9	Decryption complete.					
10 11	Process	finished	with	exit	code	0