Lab 03

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# Class: BSCS 7C

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## Source Code:

bitno = input("Enter a physical address: ") #Asks the user to enter the phyical address  
bitno = int(bitno) #converts the entered phyical address into int  
  
if(bitno > 4294967295): #checking that whether the phyical address entered is not greater than 2^32  
 bitno = input("Please enter a valid number: ")  
else:  
 pagesize = 4096  
 pages = int(bitno/pagesize) #find the number of pages by dividing the physical address by page size  
 pages = int(pages)  
 startaddress = hex(pages \* pagesize) # finding the starting address in hexa decimal  
 rem = bitno % pagesize #finding the offset  
 offset = rem \* pagesize  
 print("Number of pages: ", pages)  
 print("Starting Address", startaddress)  
 print("Offset: ", rem)

## Output:







