

Python Assignment for 14-1-2021

- 1) Import datetime module and print current date and time.
- 2) Print a month by importing calendar module.
- 3) . Print the month names of calendar.
- 4) Print the name of days in a week.
- 5) Write a program which will print the month name and first Monday in a given year.
- 6) Create a module which contains the functions as stated below.
 - a) $F(x,y)=F(x-y,y)+1$, if $y \leq x$
 - b) $F(n,r)=F(n-1,r)+F(n-1,r-1)$
 - c) $F(n)=F(n/2)+1$ if $n>1$
 - d) $F(M,N)=1$ if $M=0$, or $M \geq N \geq 1$, and $F(M,N)=F(M-1,N)+F(M-1,N-1)$, otherwise.
 - e) $B(m,x)=m!/(x!(m-x)!)$ where $m>x$,
 $B(0,0)=B(m,0)=1$ and $B(m,x)=B(m,x-1)*[(m-x+1)/x]$

Questionnaires:

1. What is pip?
2. How do you check whether it is installed or not?
3. How do you check which packages of Python are installed?