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```
clear all
clc
```

Question #1

```
fprintf('\nStephan Nash\nWednesday 10:00am\nSpring\n2018\n')
```

```
Stephan Nash
Wednesday 10:00am
Spring
2018
```

Question #2

```
A = [13 23 0 3;17 13 7 0;0 -11 19 23;5 0 17 19]
[row,colm] = size(A)
diagLine = colm
tempArray = []

for i = 1:1:row

    for j = 1:1:colm
        if j == diagLine
            tempArray = [tempArray A(i,j)];
            diagLine = diagLine - 1;
        end
    end
end

%Adding elements of tempArray together
sumAD = 0;
for i = 1:1:length(tempArray)
    sumAD = sumAD + tempArray(i);
end

sumAD
```

```
A =

    13    23     0     3
    17    13     7     0
```

```
      0    -11    19    23
      5      0    17    19


row =

      4


colm =

      4


diagLine =

      4


tempArray =

      []


sumAD =

      4
```

Question #3

```
q3a = fibonacciSequence(6)
q3b = fibonacciSequence(17)
q3c = fibonacciSequence(100)


q3a =

      8


q3b =

      1597


q3c =

   3.5422e+20
```

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