The 9522: A python project

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Outline

Install and Load Libraries

```
library(PythonInR)
```

The 9522 and Rejects

- The DCM 9522 report is one of the reports I use in order to correct 'rejects' in my job.DCM stand for Department Cost Manager. It includes multiple departments and all the products (both supplies services) that each department provides.

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- **What is a reject?**
  A reject is data that the system collects but then cannot process or put into the correct category. Rejects are typically a 'new' item that the simply needs the interface created or built in the system. Sometimes this is an existing item that is either coming into the system in a new way.

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  A reject is data that the system collects but then cannot process or put into the correct category. Rejects are typically a 'new' item that the simply needs the interface created or built in the system. Sometimes this is an existing item that is either coming into the system in a new way.
- The 9522 helps me to determine if this is an existing item for which I need to create an additional interface. Or if it is a new product, which means I need to create the new product (including the interface).
- The report is unwieldy (6,600 pages). I have to save the text file as a word file then search the word file for the feeder key information. Since this is typically numerical it can result in

Code for IP Number I

```
#9522_project_slide_IPNUM.py
def process_file(reader):
    ''' (file open for reading) -> new file format

    '''

    result_line= ''
    result=''
    slide="IPNUM" +'\n'

    #first we need to add headers
    with open('9522_slide_new.csv', 'a') as output_
        output_file.write('"IPNUM"' +'\n')

    #subs times
    for line in reader:
```

Code for IP Number II

```
line=line.strip()      #removes leading/trail
field = line.split()

if len(field)>3:
    ##print('001-field=',field)
    for i in range(0,2):
        #find dept

        #find IPNUM
        if field[i] == 'IP' and field[i+1] =
            #save IPNUM
            ipnum=field[i+2].strip(':')


                #(last item before write to
                #when result has no data it
```

Code for IP Number III

```
                    ##print('20-result-line=',
                if result_line != None:
                    with open('9522_slide_new.c
                        list_2_line=ipnum
                        slide=slide+list_2_line
                        #print('list 2 line=',l
                        output_file.write(list_2
                        result=''
                        list_2_line=''

        print(slide)

if __name__ == '__main__':
        with open('9522_slide.txt', 'r') as input_file:
            process_file(input_file)
```

Code for IP Number IV

```
process_file(reader):
    result_line= ''
    result=''
    slide="IPNUM" +'\n'
    #first we need to add headers
    with open('9522_slide_new.csv', 'a') as output_file:
        output_file.write('"IPNUM"' +'\n')
    for line in reader:
        line=line.strip()    #removes leading/trailing whi
        field = line.split()

## Error:  <text>:6:10:  unexpected symbol
## 5:     #first we need to add headers
## 6:     with open
##              ^
```

Code for IP Number V

```
        if len(field)>3:
            for i in range(0,2):
                #find IPNUM
                if field[i] == 'IP' and field[i+1] =='NUM':
                    #save IPNUM
                    ipnum=field[i+2].strip(':')
                        #(last item before write to file)
                        #when result has no data it is a b
                    if result_line != None:
                        with open('9522_slide_new.csv', 'a
                            list_2_line=ipnum
                            slide=slide+list_2_line+'\n'
                            #print('list 2 line=',list_2_l
                            output_file.write(list_2_line+
                            result=''
                            list_2_line=''


## Error:  <text>:1:12:  unexpected symbol
```

Seq num, feeder system and feeder key

blank slide

```
    print(slide)
```

```
## Error in print(slide):  object 'slide' not found
```

Product description

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Debugging

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Additional Debugging

Blank slide

Conclusion

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