Date: / /

3.
```
#include <stdio.h>
int main()
{
    int i, j, row, k=1;
    printf("Enter the number of row: ");
    scanf("%d", &row);
    for (i=1; i<=row; i++) {
        for (j=1; j<i; j++) {
            printf("%d", k);
            k++;
        }
        printf("\n");
    }
    return 0;
}
```

4.
```
#include <stdio.h>
int main()
{
    int cm, sm1, sm2, sum;
    printf("Enter marks of cie: \n");
    scanf("%d", &cm);
    printf("Enter marks of see: \n");
    scanf("%d", &sm1);
    sm2 = sm1 / 2;
    sum = cm + sm2;
    if (cm <= 50) {
        if (sm1 <= 100) {
            if (sum > 90) {
                printf("S grade \n");
            }
```

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```
    else if ( sum >= 80 && sum < 90) {
        printf (" A grade \n");
    }
    else if ( sum >= 70 && sum < 80) {
        printf (" B grade \n");
    }
    else if ( sum >= 60 && sum < 70) {
        printf (" C grade \n");
    }
    else if ( sum >= 50 && sum < 60) {
        printf (" D grade \n");
    }
    else if ( sum >= 40 && sum < 50) {
        printf (" E grade \n");
    }
    else {
        printf (" Fail \n");
    }
}
else {
    printf (" invalid marks \n");
}
return 0;
}
```

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5.

```
#include <stdio.h>
void main() {
{
    int n1, n2, i, j;
    printf("Enter two positive integers:\n");
    scanf("%d %d", &n1, &n2);
    printf("Prime numbers between %d and %d are:",
           n1, n2);
  for (i = n1+1; i <= n2; i++) {
      int flag = 1;
      for (j=2; j <= i/2; j++) {
          if (i%j == 0) {
              flag = 0;
              break;
          }
      }
      if (flag == 1){
      printf("%d", i);
      }
  }
}
```

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