

chetan_projects > C_experiments > exp 3.2 > C 4_population.c > main()

```
1  #include <stdio.h>
2
3  int main() {
4      int pop = 100000;
5      int year;
6      int inc;
7
8      printf("Year\tPopulation\n");
9
10     year = 1;
11     while (year <= 10) {
12         inc = pop * 10 / 100;
13         pop = pop + inc;
14         printf("%d\t%d\n", year, pop);
15         year = year + 1;
16     }
17
18     return 0;
19 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\chetan_projects> & 'c:\Users\DELL\.vscode\extensions\ms-vscode.c
-In-yybzhu0z.aqd' '--stdout=Microsoft-MIEngine-Out-xy2mkt0k.wvh' '--std
=C:\msys64\ucrt64\bin\gdb.exe' '--interpreter=mi'
```

```
Year      Population
```

```
1         110000
```

```
2         121000
```

```
3         133100
```

```
4         146410
```

```
5         161051
```

```
6         177156
```

```
7         194871
```

```
8         214358
```

```
9         235793
```

```
10        259372
```

```
PS D:\chetan_projects>
```

3.2.4

```
#include <stdio.h>
int main () {
    int pop = 100000;
    int year;
    int inc;
    printf("Year\tPopulation\n");
    year = 1;
    while (year <= 10) {
        inc = pop * 10 / 100;
        pop = pop + inc;
        printf("%d\t%", year, pop);
        year = year + 1;
    }
    return 0;
}
```

Output

Year	Population
1	110
2	121
3	1331
4	14641
5	161051
6	177156
7	194871
8	214358
9	235793
10	259572

Teacher's Signature: _____