

1. Mark syntactically incorrect declarations (ones which generate compiler errors).

☐ `int L=1, int u=2;`☐ `char "int"="5";`☐ `double A4[4]={4};`☐ `integer DD[4][2];`☐ `int _11_=11;`☐ `char c='E', f=14;`☐ `double float INT, a;`☐ `int u='A';`☐ `char CHAR[]={ "CHAR" };`☐ `char u[]={34, 'GU'};`

2. What is the output?

```
int i;
```

```
for(i=19;i>1;i/=2) printf("%d",i);
```

19942

3. What is the output?

```
int i=45; float f=4.611;
```

```
printf("%8.2f%2d",f,i);
```

4.6145

4. What is the output?

```
int foo(int a){ printf("%d",++a); return a++; }
```

```
int main(){ int b=4;
```

```
    foo(b); b=foo(b); foo(foo(b));
```

```
    return 0; }
```

5567

5. What is the output?

```
int i=4; float f=4;
```

```
while(i++<7) printf("%d %3.1f",i, f+=1.1);
```

5 5.16 6.27 7.3

6. What is the output?

```
int i=1;
```

```
do{ i=(i<1)|1;
```

```
    printf("%d",i); } while(i<15);
```

13715

7. Fill in the blanks in order to generate the output : **1 2 4 7 11 16 22 29**

```
int i, k=1;
```

```
for(i=1;
```

k<9; i+=k++

```
) printf("%d ",i);
```

8. Fill in the blanks in order to generate the output : **SMANGAZI**

```
char A[]={ "OSMANGAZI" }; int i=0;
```

```
while(A[i]) /* notice that there are no curly braces */
```

if(i++)

```
    if(A[i]!='X') printf("%c",A[i]);
```

9. Fill in the blanks in order to generate the output : **+123+456+789**

```
int i=1;
```

```
for(;i<10;i++)
```

```
    switch(i%3){
```

case 1:printf("+");

```
    default: printf("%d",i);
```

```
}
```