1. What will be the output of the program?

```
#include<stdio.h>

int main()
{
    enum color{red, green, blue};
    typedef enum color mycolor;
    mycolor m = red;
    printf("%d", m);
    return 0;
}
```

A. 1

B. 0

C. 2

D. red

Answer: Option **B**
Explanation:
No answer description available for this question. Let us discuss.
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2. What will be the output of the program?

```
#include<stdio.h>

int main()
{
    typedef int arr[5];
    arr iarr = {1, 2, 3, 4, 5};
    int i;
    for(i=0; i<4; i++)
        printf("%d,", iarr[i]);
    return 0;
}
```

A. 1, 2, 3, 4

B. 1, 2, 3, 4, 5

C. No output

D. Error: Cannot use `typedef` with an array

Answer: Option **A**
Explanation:
No answer description available for this question. Let us discuss.
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3. What will be the output of the program?

```c
#include<stdio.h>

int main()
{
    typedef int LONG;
    LONG a=4;
    LONG b=68;
    float c=0;
    c=b;
    b+=a;
    printf("%d,", b);
    printf("%f\n", c);
    return 0;
}
```

A. 72, 68.000000

B. 72.000000, 68

C. 68.000000, 72.000000

D. 68, 72.000000

Answer: Option **A**
Explanation:
No answer description available for this question. Let us discuss.
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4. What will be the output of the program?

```c
#include<stdio.h>

int main()
{
    typedef float f;
    static f *fptr;
    float fval = 90;
    fptr = &fval;
    printf("%f\n", *fptr);
    return 0;
}
```

A. 9

B. 0

C. 90.000000

D. 90

Answer: Option **C**
Explanation:
No answer description available for this question. Let us discuss.
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5. What will be the output of the program?

```
#include<stdio.h>

typedef struct error {int warning, err, exception;} ERROR;
int main()
{
    ERROR e;
    e.err=1;
    printf("%d\n", e.err);
    return 0;
}
```

A. 0

B. 1

C. 2

D. Error

Answer: Option **B**

1. In the following code snippet can we declare a new `typedef` named `ptr` even though `struct employee` has not been completely declared while using `typedef`?

```
typedef struct employee *ptr;
struct employee
{
    char name[20];
    int age;
    ptr next;
}
```

A. Yes

B. No

Answer: Option **A**
Explanation:
No answer description available for this question. Let us discuss.
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2. Point out the error in the following code?

```
typedef struct
{
    int data;
    NODEPTR link;
}*NODEPTR;
```

A. Error: in *NODEPTR

B. Error: `typedef` cannot be used until it is defined

C. No error

D. None of above

Answer: Option **B**