Q.1→ Find output →

```
#include <stdio.h>
int main()
{
    printf("%d\t", sizeof(3.5));
    printf(" %d\t", sizeof(2));
    printf(" %d\t%d", sizeof('A'), 'A');
    return 0;
}
```

Output →   8   4   4   65

↑ by considering as double

Q.2→ Find output →

```
#include <stdio.h>
int main(){
    float me = 5.25;
    double you = 5.25;
    if (me == you)
        print("Hey");
    else
        print("Bye");
    return 0;
}
```

Output →   Hey

Q.3→ which of the following program will run successful-ly? Also find errors, if any and discuss why.

(a)
```
int var;
int main (void)
{
var = 10;
return 0;
}
```

No error

```c
extern int var;
int main(void).
{
    return 0;
}
```

No error

```c
extern int var;
int main (void)
{
    var = 10;        → error → Because  var  is  an  externa
    return 0;                  variable  can  not  be  used  inside f
}
```

```c
#include <stdio.h>
extern int var;
int main (void)
{
    int var = 10;
    printf ("%d" , var);
    return 0;
}
```

No error

```c
extern int Var = 0;
int main (void)
{
    var = 10;
    return 0;
}
```

No error

Ans (4) →

B

45

90

12.670000

1.267000e+001

103

43

Hello world

      Hello World

        Hello

Hello

Ans (5) → D. %

Ans (6) → C. S1 & S4

Ans (7) → C. will give error

Ans (8) → A. IF BLOCK
Ank

Ans (9) → D. None of the listed options
Ank

Ans (10) → C. All declarations are valid

Ans (11) → B. Same Different Different
Ank