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SWE-121
Part:A

Ans. to the ques. No -1

```
#include<stdio.h>
int main(){
    short a;
    long b;
    char c;
    double d;
    scanf("%hd %ld %c %lf",&a,&b,&c,&d);
    printf("%d %ld %c %lf",a,b,c,d);
    return 0;
}
```

Ans. to the ques. no-2

```
#include<stdio.h>
int function(int a); //function prototype//

int main(){
    int x , i;          //changed data type;
    for(i=1;i<=20;i=i+2){
        x=function(i);
        printf("%d\n",x);
    }
    return 0;
}

int function(int a){ //changed data type of parameter//
    int b=a % 10; //b should be declared as integer//
    b*=b;
    return b;
}
```

output of the program:

```
1
9
25
49
81
1
9
25
```

49
81

Ans. to the ques. no-3

output of the following code:

1 6 11 16 21 24 29 32 35 38 41 44 47 50 53

x = 53