## HeathProfile

```
-firstName:
                  string
-lastName:
                 string
-gender:
                 string
-month:
                 int
-day:
                  int
                 int
-year:
-height:
                  double
-weght:
                 int
-age:
                 int
```

```
+HealthProfile::HealthProfile( string firstName, string lastName, string sex, int month, int day, int year, int weight, double height, int curretDay, int currentMonth, int currentYear): constructor
```

```
+getFirstName ():
                         string
+getLastName ():
                         string
+getGender ():
                         string
+getDay ():
                         int
+getMonth ():
                         int
+getYear():
                         int
+getWeight ():
                         int
+getHeight ():
                         int
                         int
+getAge():
+getBMI():
```

+getMaximumHeartRate(): int
 +getTargetHeartRate(): int
 +getInformation(): void
 +setFirstName (string firstName): void
 +setLastName (string lastName): void

+setGender (string gender): void

+setMonth (int month): void +setDay (int day): void +setYear (int year): void +setWeight (int weight): void

+setHeight (double height): void

+setAge (int currentMonth, int currentDay, int currentYear): void